

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009206.D
 Acq On : 29 Apr 2019 14:32
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

Quant Time: Apr 30 07:15:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	200042	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	312808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129787	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	5.49	113	97121	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	395669	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	146394	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99132	53.776	ug/l	100
3) Chloromethane	1.32	50	135511	53.844	ug/l	98
4) Vinyl Chloride	1.40	62	127122	51.799	ug/l	99
5) Bromomethane	1.64	94	79336	53.860	ug/l	97
6) Chloroethane	1.71	64	77370	49.104	ug/l	98
7) Trichlorofluoromethane	1.92	101	155486	52.122	ug/l	97
8) Diethyl Ether	2.18	74	69183	48.960	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98609	52.639	ug/l	99
10) Methyl Iodide	2.51	142	93973	43.802	ug/l	100
11) Tert butyl alcohol	3.04	59	154844	244.961	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97595	51.996	ug/l	97
13) Acrolein	2.29	56	127478	222.683	ug/l	100
14) Allyl chloride	2.72	41	227966	49.837	ug/l	99
15) Acrylonitrile	3.14	53	368327	238.311	ug/l	99
16) Acetone	2.44	43	341300	232.757	ug/l	98
17) Carbon Disulfide	2.56	76	280995	53.322	ug/l	100
18) Methyl Acetate	2.77	43	163239	46.810	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	368785	50.596	ug/l	98
20) Methylene Chloride	2.85	84	114763	48.337	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	104734	51.452	ug/l	99
22) Diisopropyl ether	3.85	45	439397	49.950	ug/l	96
23) Vinyl Acetate	3.81	43	1952043	259.142	ug/l	100
24) 1,1-Dichloroethane	3.69	63	216797	49.959	ug/l	99
25) 2-Butanone	4.67	43	548859	240.871	ug/l	100
26) 2,2-Dichloropropane	4.57	77	169356	52.431	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	122982	50.616	ug/l	99
28) Bromochloromethane	5.01	49	88850	50.913	ug/l	99
29) Tetrahydrofuran	5.12	42	352037	240.085	ug/l	100
30) Chloroform	5.20	83	198134	50.482	ug/l	99
31) Cyclohexane	5.57	56	213242	52.817	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	164417	50.323	ug/l	100
36) 1,1-Dichloropropene	5.79	75	155641	53.541	ug/l	99
37) Ethyl Acetate	4.82	43	204195	50.415	ug/l	99
38) Carbon Tetrachloride	5.78	117	139792	52.928	ug/l	100

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 ICSVX042919

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	200151	56.064	ug/l	100
40) Benzene	6.13	78	468212	52.043	ug/l	100
41) Methacrylonitrile	5.04	41	115511	47.910	ug/l	98
42) 1,2-Dichloroethane	6.19	62	165835	51.386	ug/l	100
43) Isopropyl Acetate	6.44	43	332776	51.365	ug/l	100
44) Trichloroethene	7.21	130	113901	52.370	ug/l	98
45) 1,2-Dichloropropane	7.51	63	133338	52.342	ug/l	97
46) Dibromomethane	7.65	93	75500	51.037	ug/l	99
47) Bromodichloromethane	7.89	83	155125	52.569	ug/l	98
48) Methyl methacrylate	7.76	41	166599	51.832	ug/l	100
49) 1,4-Dioxane	7.74	88	63575	975.323	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1053833	248.865	ug/l	100
52) Toluene	8.78	92	286929	52.467	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185567	55.700	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	201336	54.599	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	114252	51.209	ug/l	97
56) Ethyl methacrylate	9.18	69	210190	52.777	ug/l	100
57) 1,3-Dichloropropane	9.37	76	203652	51.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	573887	271.627	ug/l	100
59) 2-Hexanone	9.49	43	840530	252.732	ug/l	100
60) Dibromochloromethane	9.58	129	116329	53.384	ug/l	98
61) 1,2-Dibromoethane	9.67	107	117624	52.228	ug/l	99
64) Tetrachloroethene	9.34	164	100665	51.909	ug/l	97
65) Chlorobenzene	10.13	112	297481	52.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	108474	52.905	ug/l	100
67) Ethyl Benzene	10.25	91	558337	53.644	ug/l	99
68) m/p-Xylenes	10.35	106	409459	107.653	ug/l	98
69) o-Xylene	10.69	106	198828	52.982	ug/l	100
70) Styrene	10.71	104	349555	53.592	ug/l	99
71) Bromoform	10.85	173	88695	53.231	ug/l #	100
73) Isopropylbenzene	11.02	105	538570	51.109	ug/l	99
74) N-amyl acetate	10.90	43	316370	51.496	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	192760	49.070	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	228452	67.964	ug/l	81
77) Bromobenzene	11.25	156	131714	50.359	ug/l	100
78) n-propylbenzene	11.36	91	634168	52.696	ug/l	99
79) 2-Chlorotoluene	11.42	91	371678	50.059	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	457315	51.541	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	67793	51.603	ug/l	99
82) 4-Chlorotoluene	11.51	91	434734	51.829	ug/l	99
83) tert-Butylbenzene	11.77	119	445911	51.662	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	463072	51.996	ug/l	99
85) sec-Butylbenzene	11.94	105	538839	52.656	ug/l	100
86) p-Isopropyltoluene	12.06	119	491657	53.444	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	243660	52.258	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	244595	52.033	ug/l	99
89) n-Butylbenzene	12.38	91	464997	55.923	ug/l	100
90) Hexachloroethane	12.59	117	81892	52.250	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	244442	51.472	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44518	50.518	ug/l	99

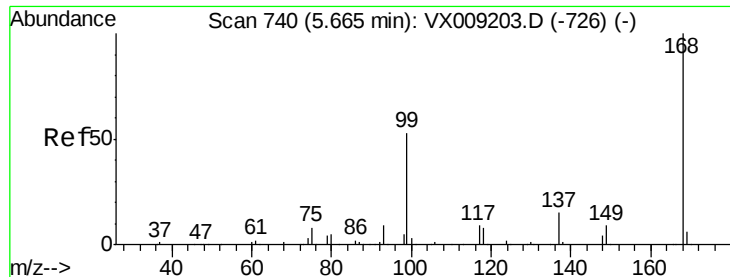
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	182113	56.077	ug/l	99
94) Hexachlorobutadiene	13.78	225	91945	55.442	ug/l	99
95) Naphthalene	13.83	128	559196	52.925	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178476	54.216	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

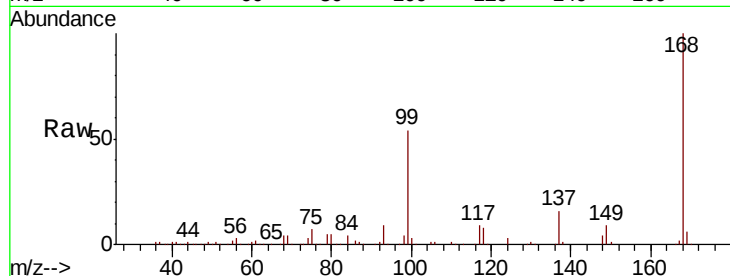
ICVVX042919

Tgt Ion:168 Resp: 200042

Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

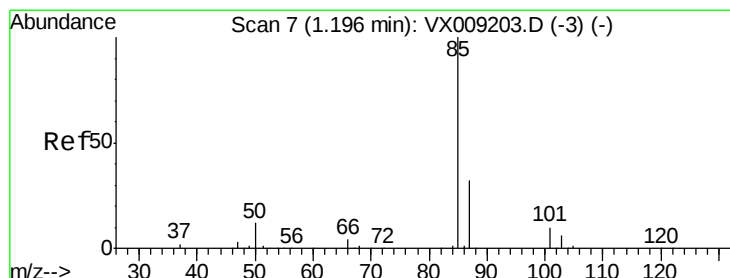
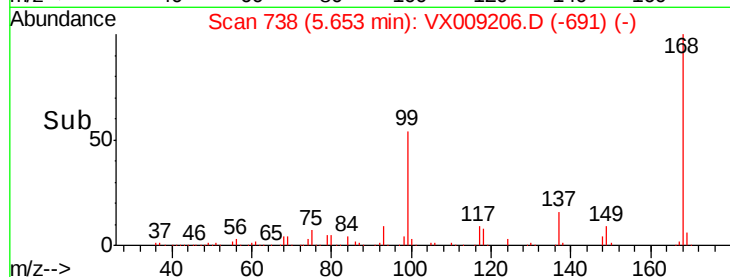
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.776 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009206.D

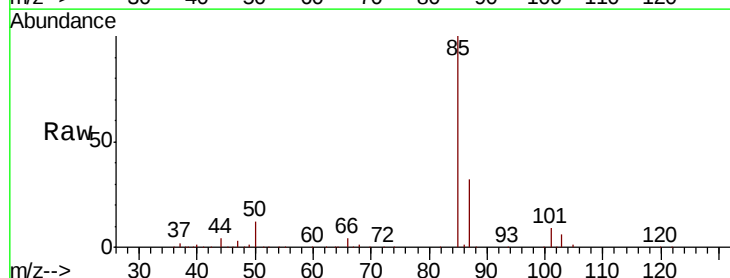
Acq: 29 Apr 2019 14:32

Tgt Ion: 85 Resp: 99132

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

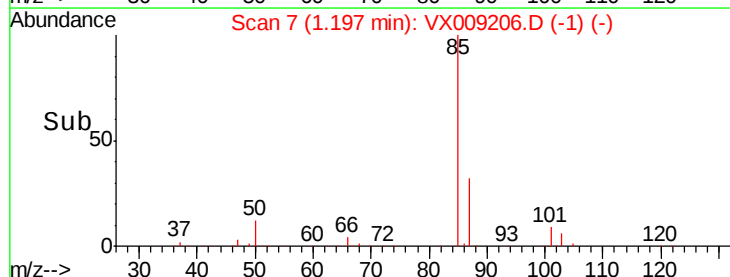
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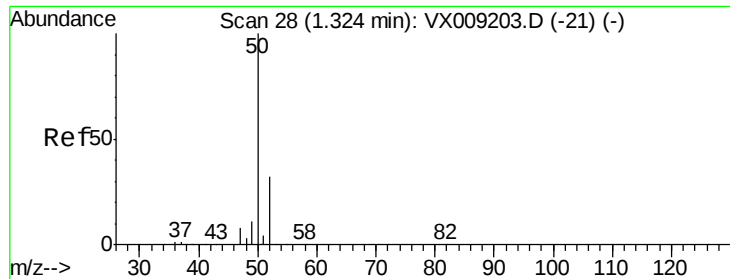
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0

1.15 1.20 1.25 1.30 1.35

Time-->

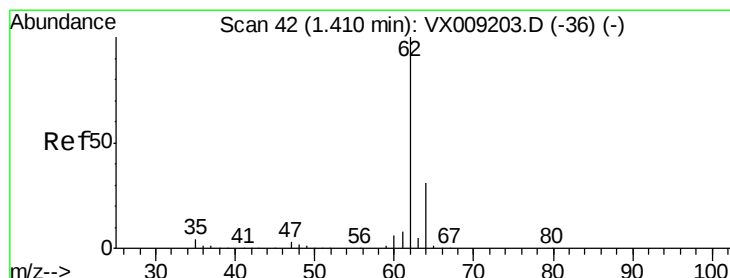
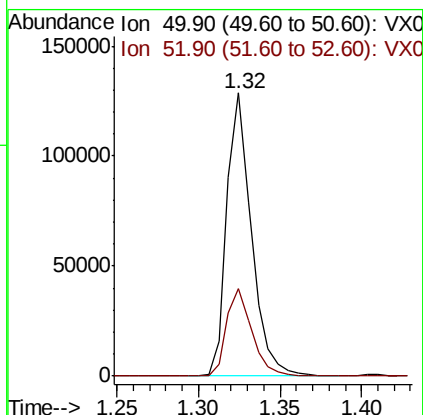
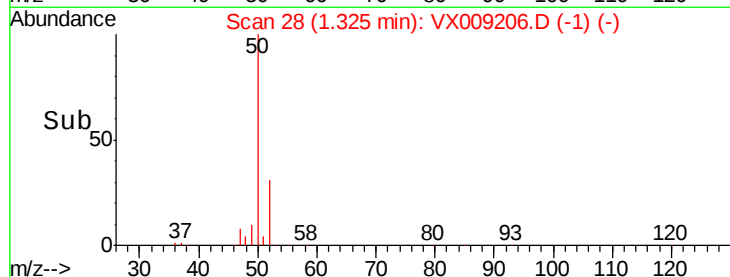
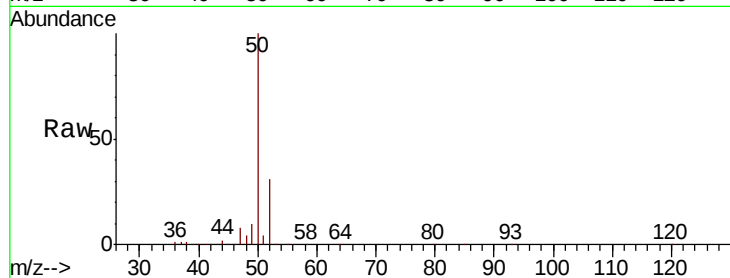




#3
Chloromethane
Concen: 53.844 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

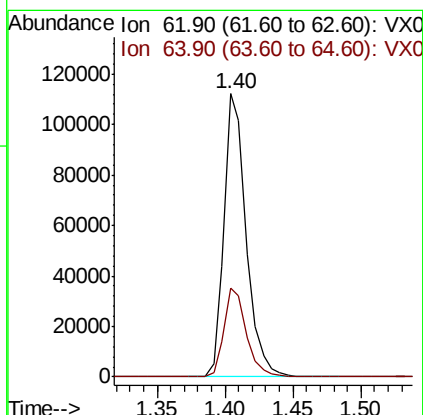
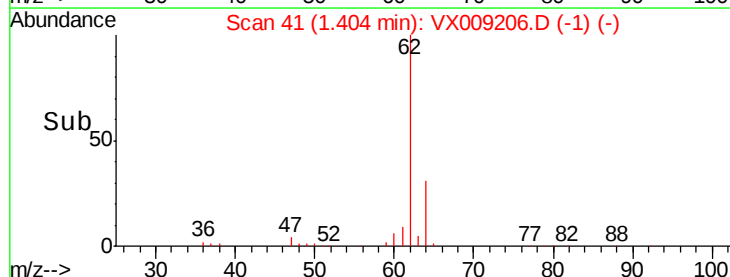
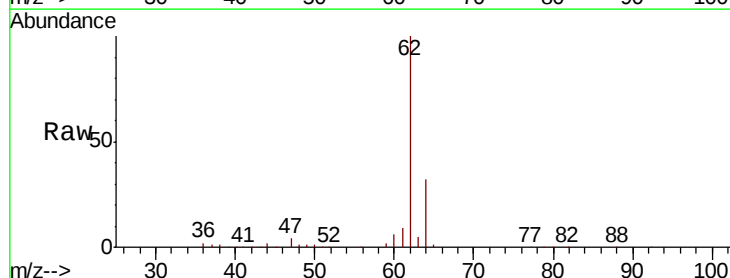
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

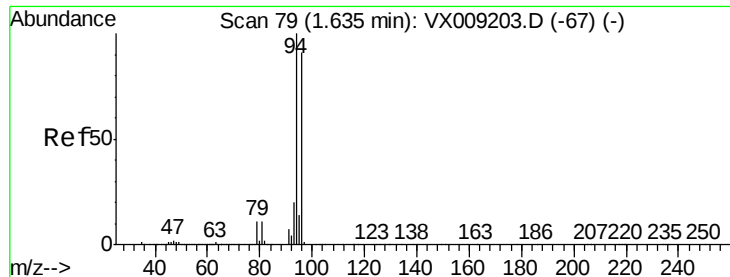
Tgt Ion: 50 Resp: 13511
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9



#4
Vinyl Chloride
Concen: 51.799 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 62 Resp: 127122
Ion Ratio Lower Upper
62 100
64 31.5 24.6 36.8





#5

Bromomethane

Concen: 53.860 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

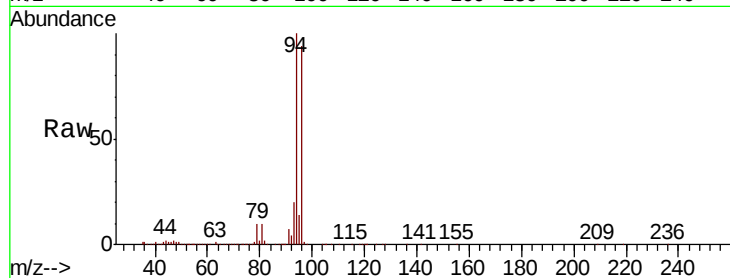
ICVVX042919

Tgt Ion: 94 Resp: 79336

Ion Ratio Lower Upper

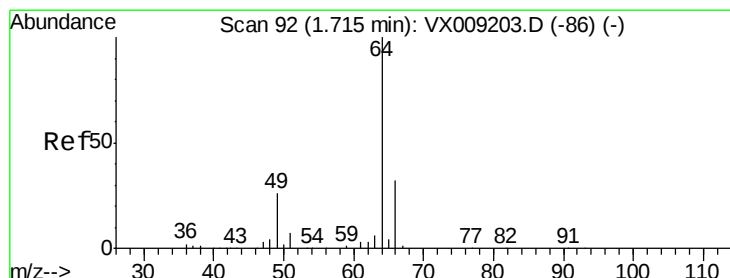
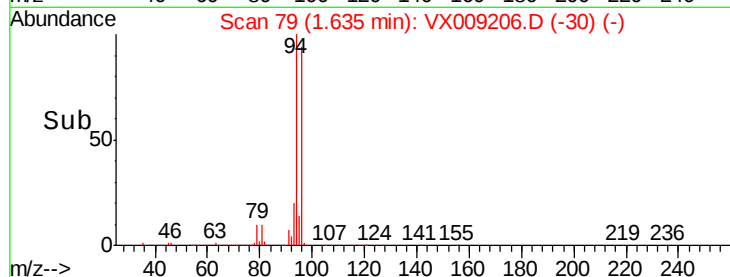
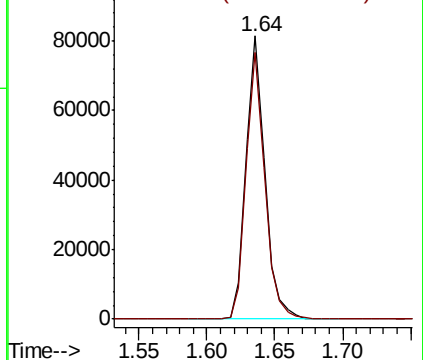
94 100

96 94.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.104 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009206.D

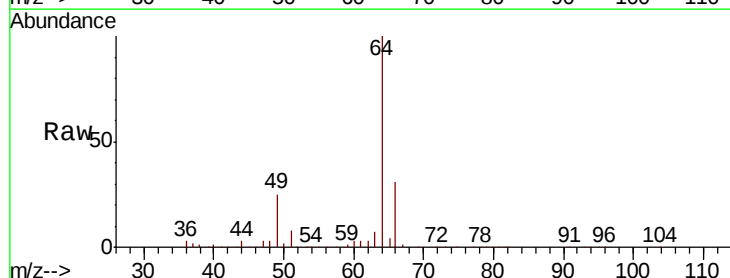
Acq: 29 Apr 2019 14:32

Tgt Ion: 64 Resp: 77370

Ion Ratio Lower Upper

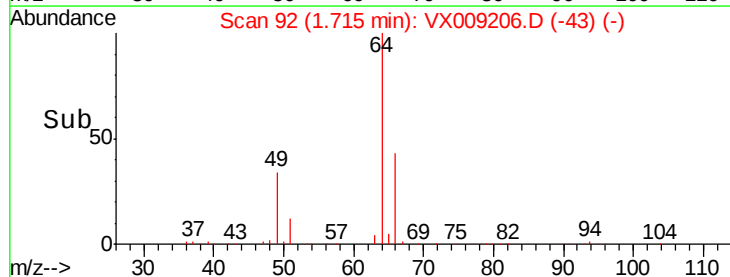
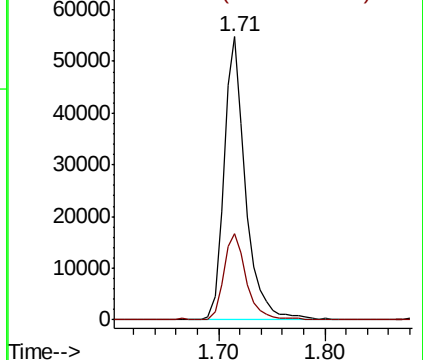
64 100

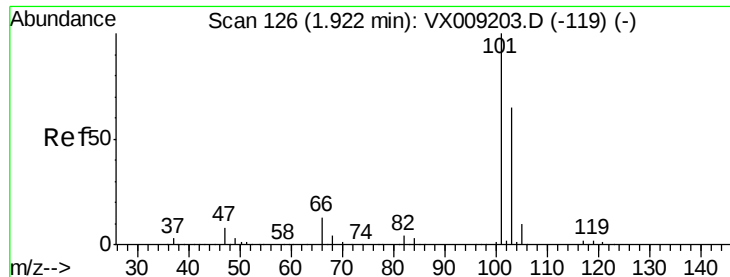
66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



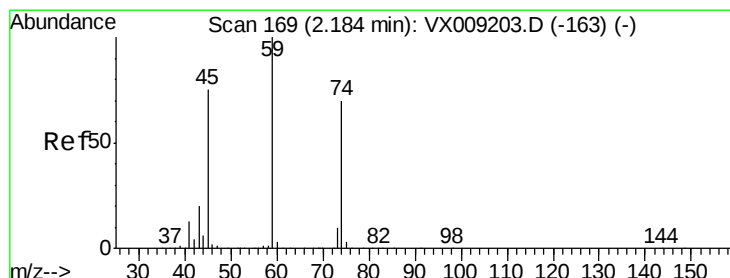
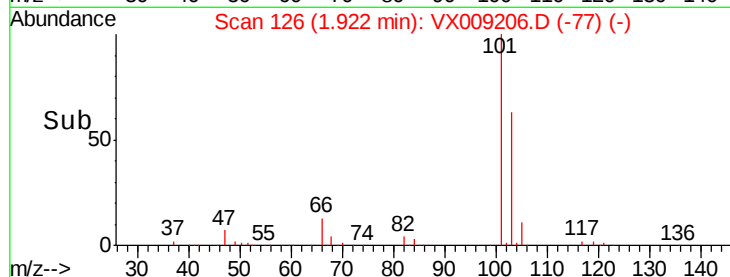
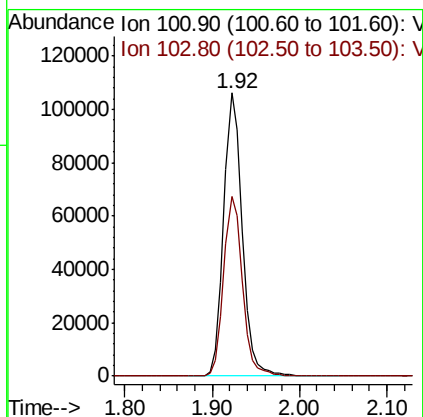
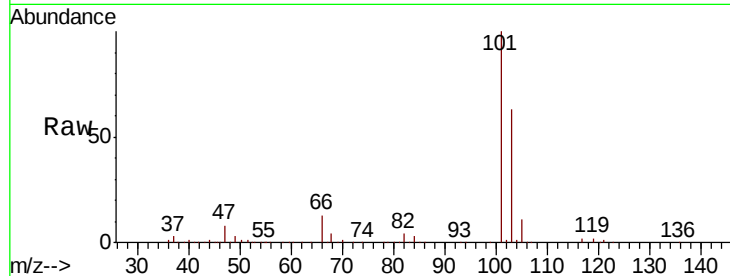


#7

Trichlorofluoromethane
Concen: 52.122 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

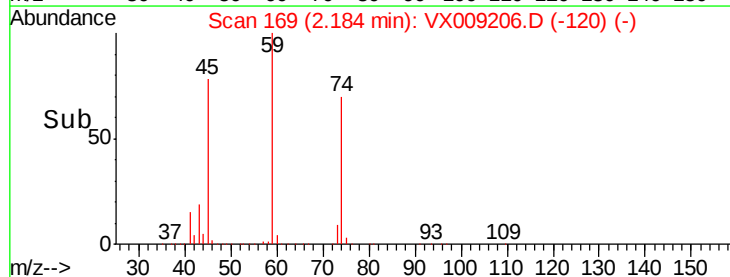
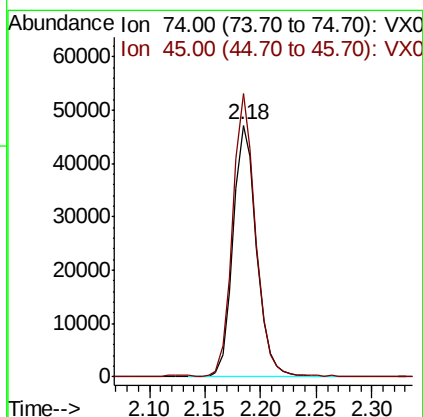
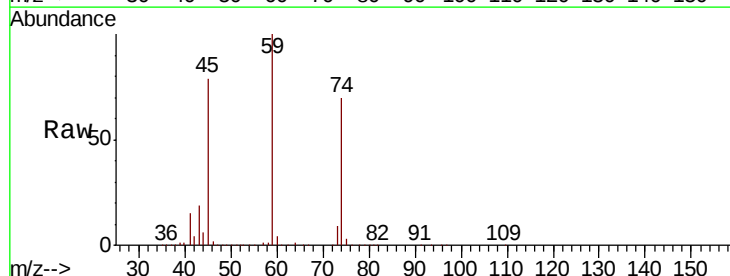
Tgt Ion: 101 Resp: 155486
Ion Ratio Lower Upper
101 100
103 63.4 52.4 78.6

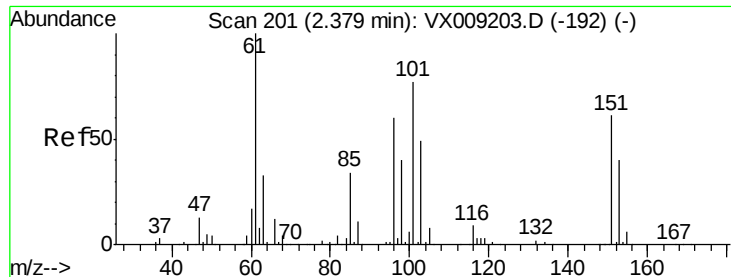


#8

Diethyl Ether
Concen: 48.960 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 74 Resp: 69183
Ion Ratio Lower Upper
74 100
45 108.7 53.3 159.9

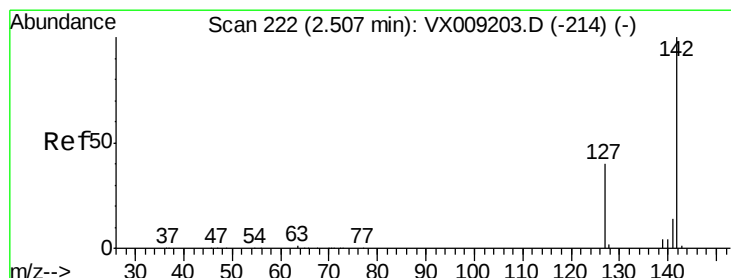
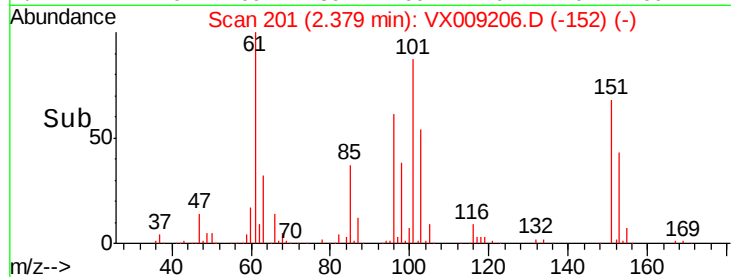
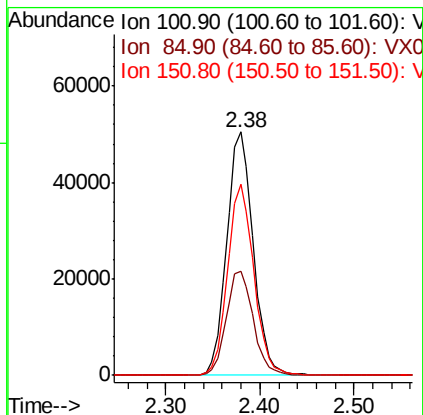
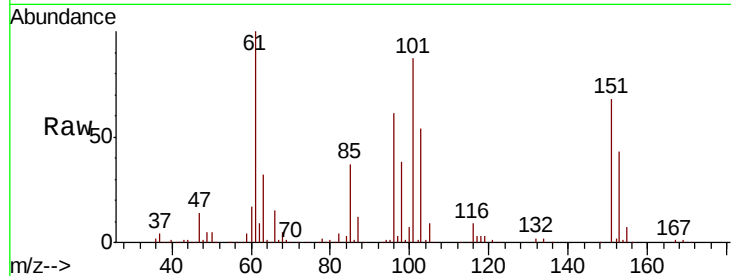




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.639 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

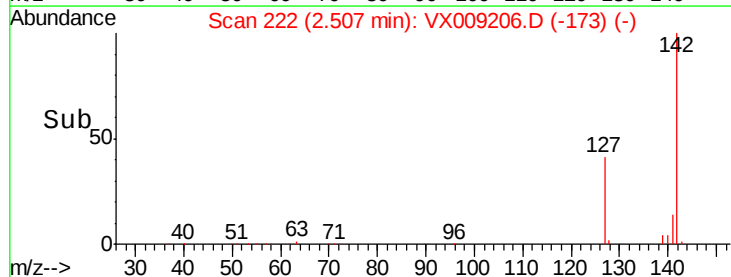
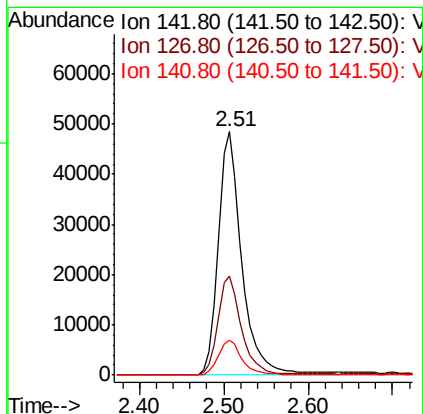
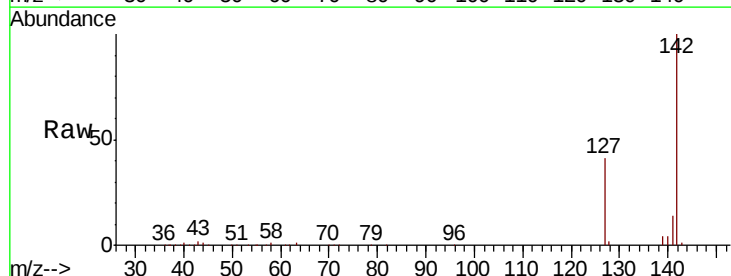
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

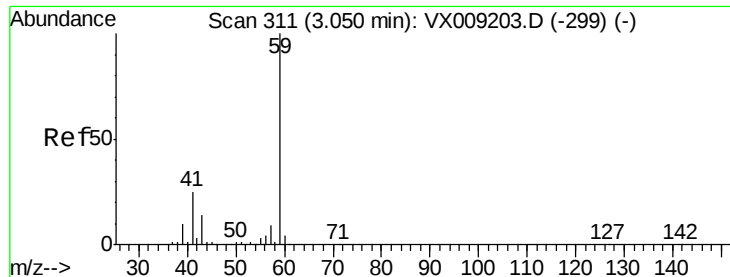
Tgt Ion:101 Resp: 98609
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.7 53.5
 151 77.9 62.2 93.2



#10
 Methyl Iodide
 Concen: 43.802 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion:142 Resp: 93973
 Ion Ratio Lower Upper
 142 100
 127 40.8 32.7 49.1
 141 14.4 11.5 17.3





#11

Tert butyl alcohol

Concen: 244.961 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

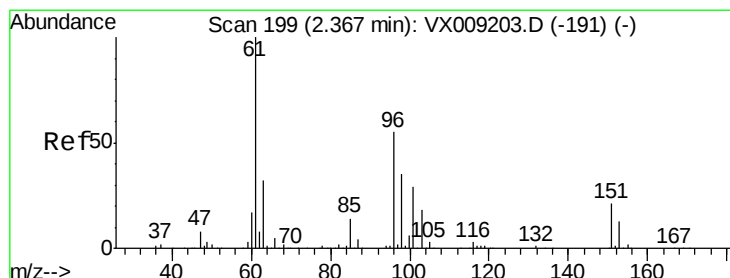
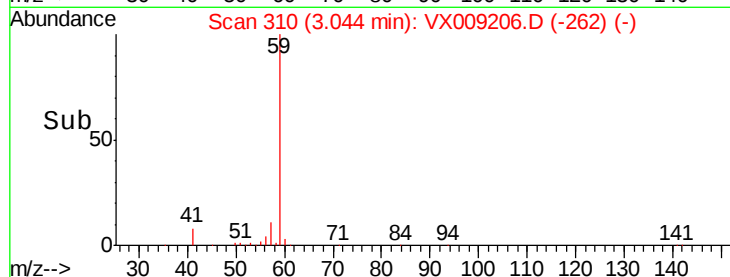
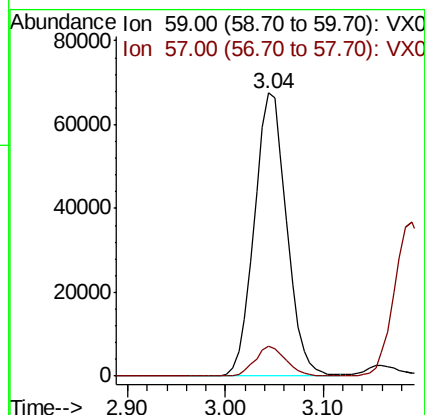
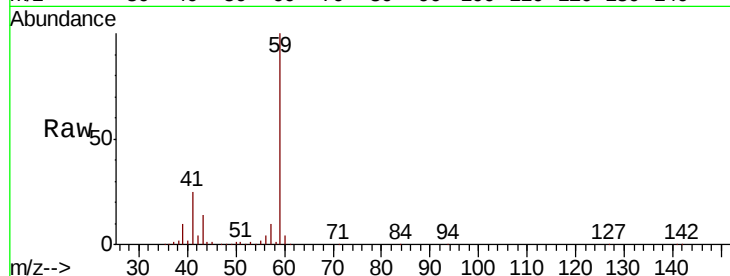
ICVVX042919

Tgt Ion: 59 Resp: 154844

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



#12

1,1-Dichloroethene

Concen: 51.996 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

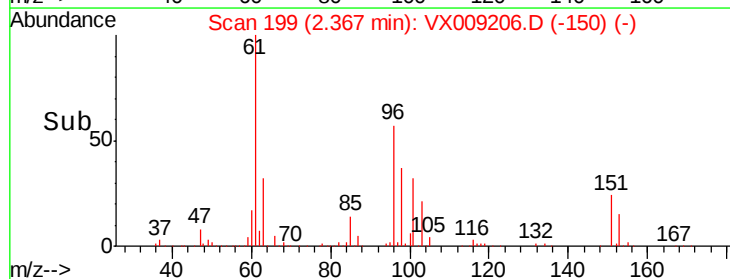
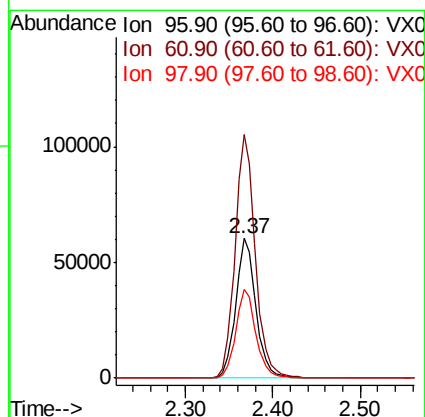
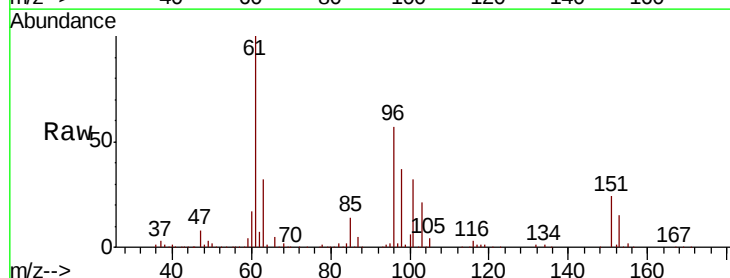
Tgt Ion: 96 Resp: 97595

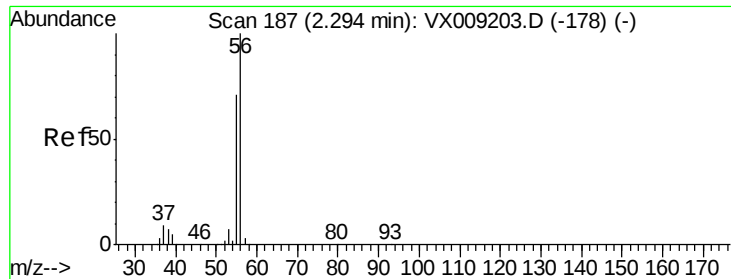
Ion Ratio Lower Upper

96 100

61 174.8 144.3 216.5

98 63.8 50.3 75.5





#13

Acrolein

Concen: 222.683 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

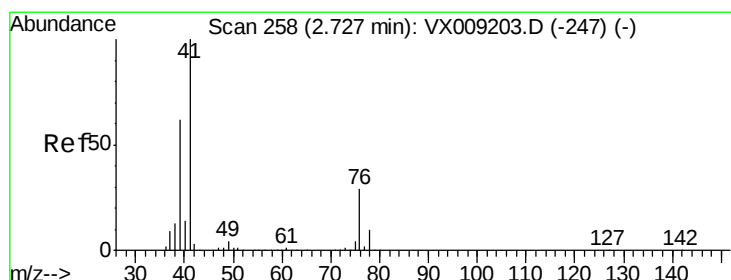
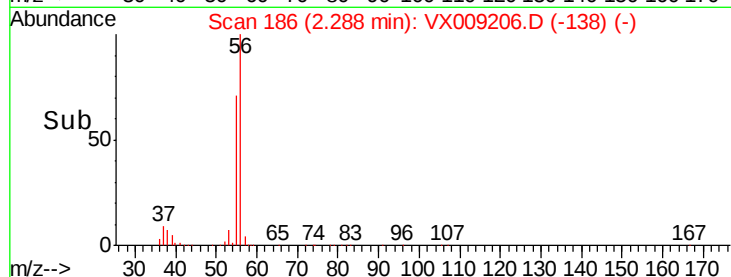
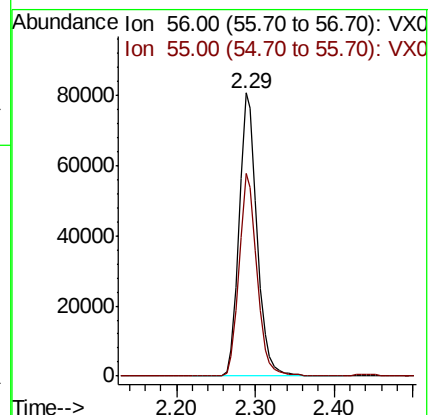
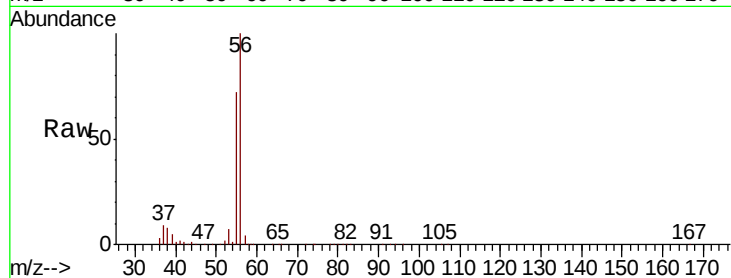
ICVVX042919

Tgt Ion: 56 Resp: 127478

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



#14

Allyl chloride

Concen: 49.837 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

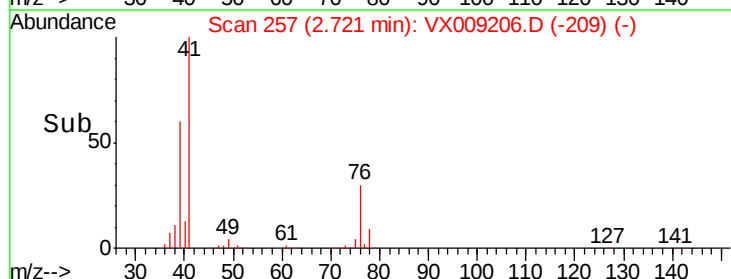
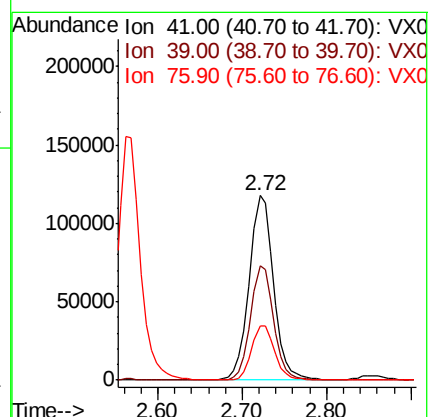
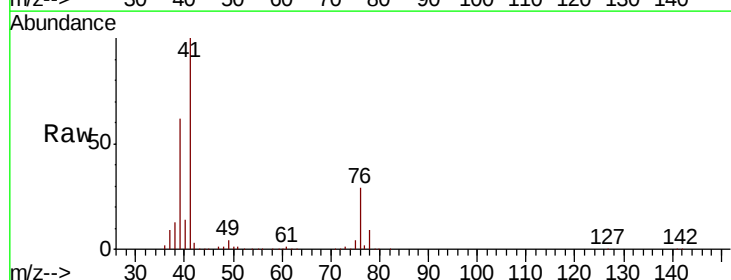
Tgt Ion: 41 Resp: 227966

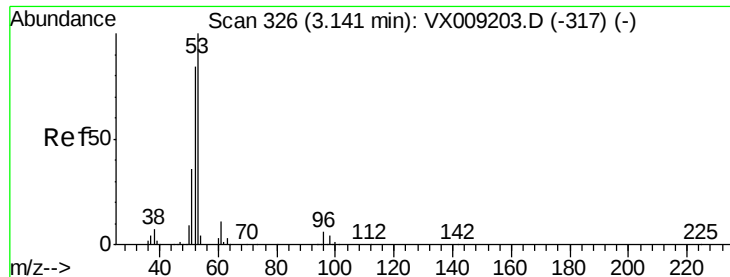
Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

76 28.1 21.8 32.8





#15

Acrylonitrile

Concen: 238.311 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

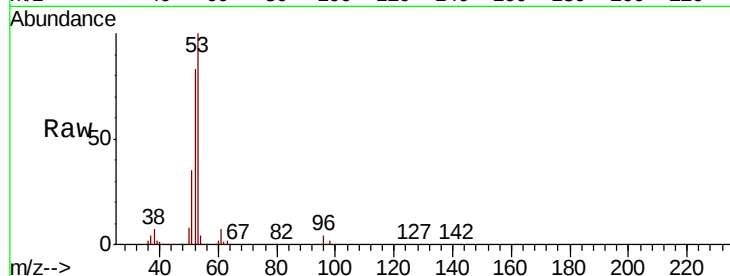
Tgt Ion: 53 Resp: 368327

Ion Ratio Lower Upper

53 100

52 82.8 66.9 100.3

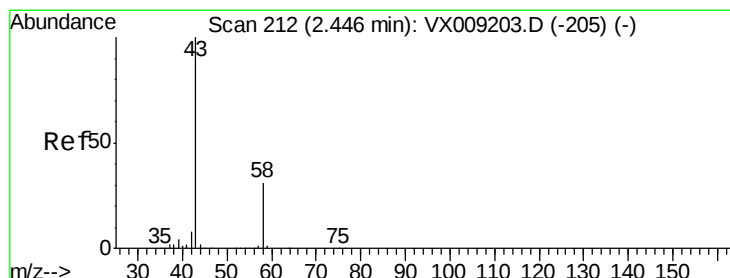
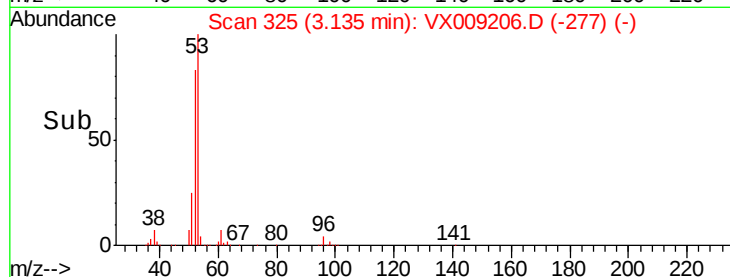
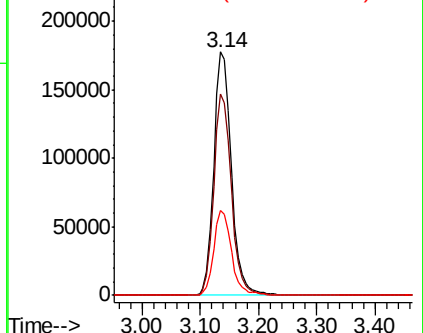
51 35.2 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.757 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009206.D

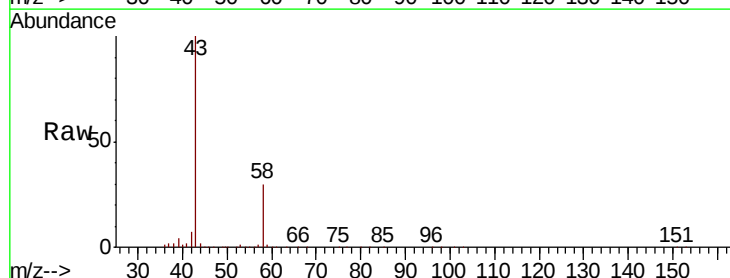
Acq: 29 Apr 2019 14:32

Tgt Ion: 43 Resp: 341300

Ion Ratio Lower Upper

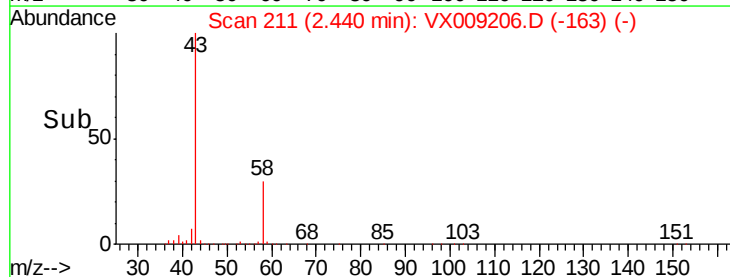
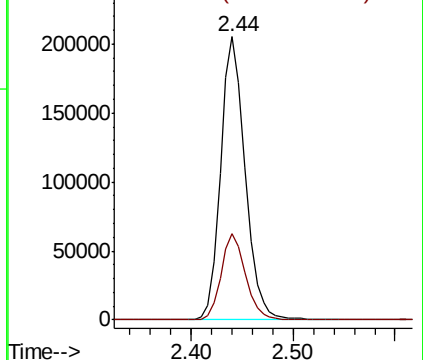
43 100

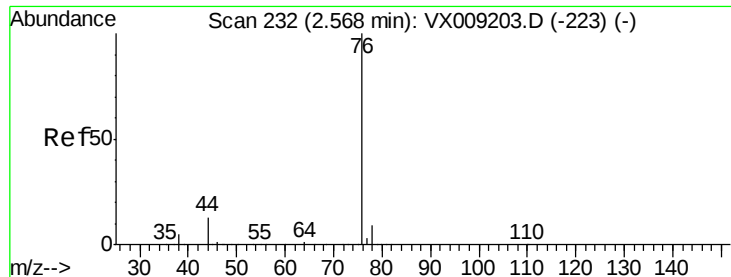
58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

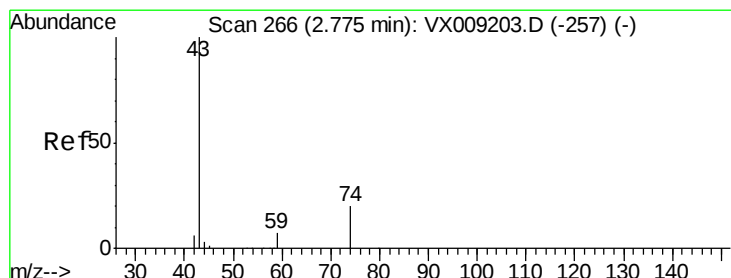
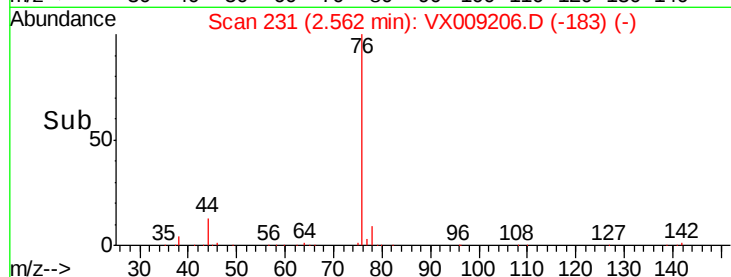
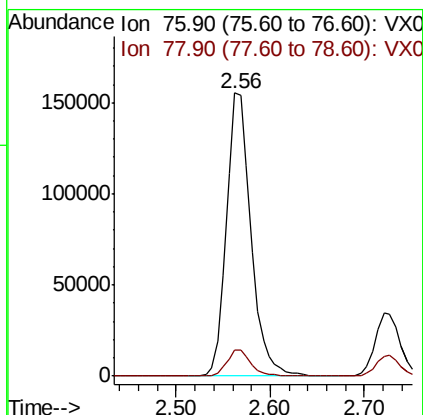
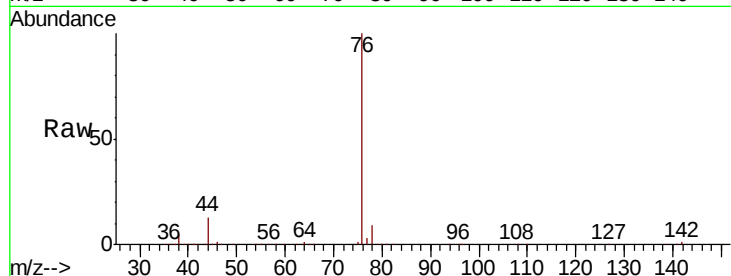




#17
Carbon Disulfide
Concen: 53.322 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

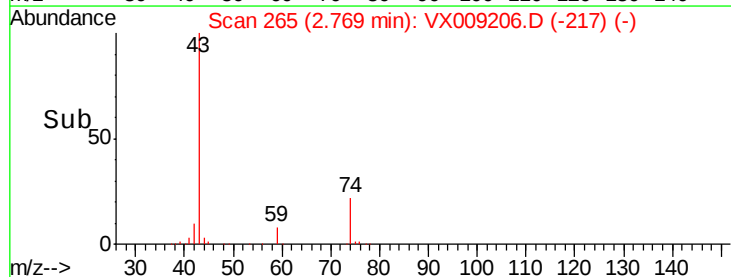
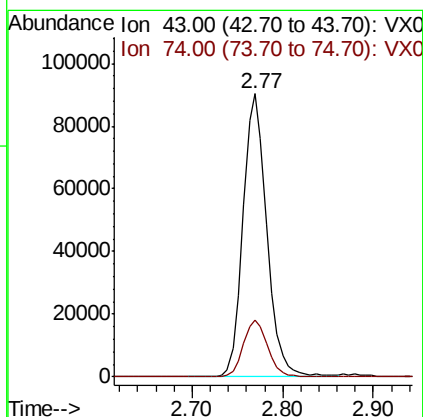
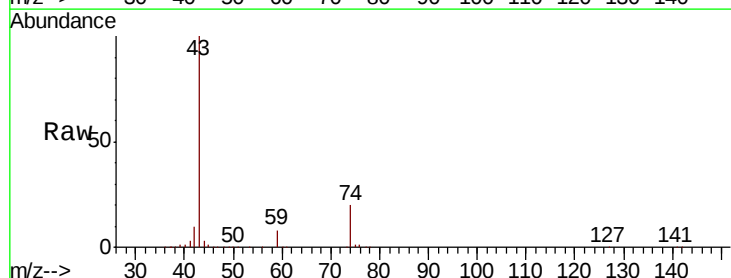
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

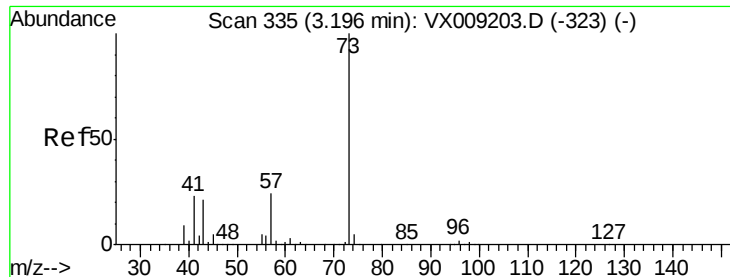
Tgt Ion: 76 Resp: 280995
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 46.810 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 43 Resp: 163239
Ion Ratio Lower Upper
43 100
74 21.0 16.2 24.4





#19

Methyl tert-butyl Ether

Concen: 50.596 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

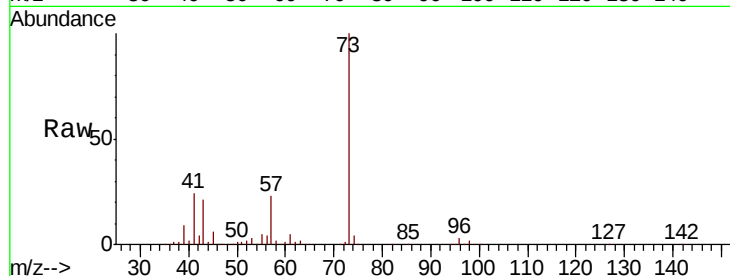
ICVVX042919

Tgt Ion: 73 Resp: 368785

Ion Ratio Lower Upper

73 100

57 23.3 19.3 28.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

150000

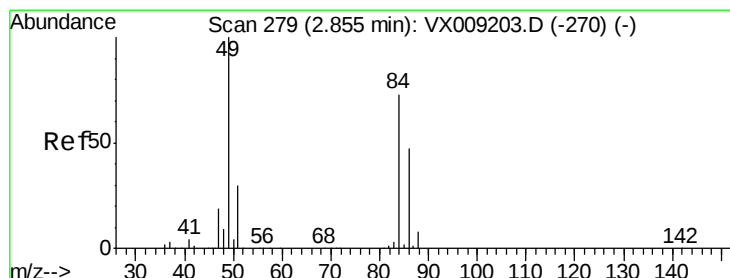
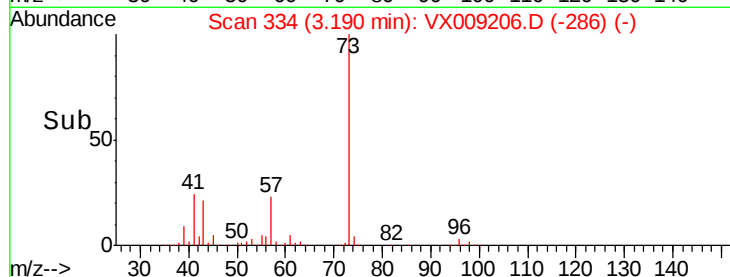
100000

50000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 48.337 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Tgt Ion: 84 Resp: 114763

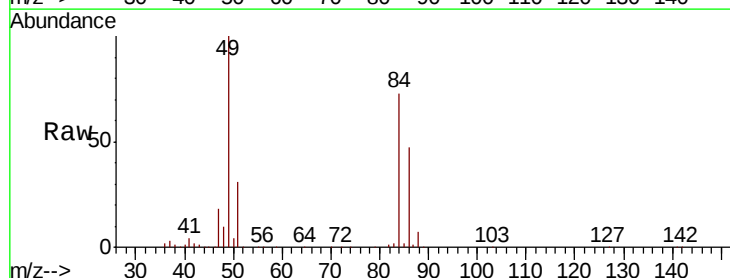
Ion Ratio Lower Upper

84 100

49 136.8 109.9 164.9

51 41.8 32.7 49.1

86 64.5 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

120000

100000

80000

60000

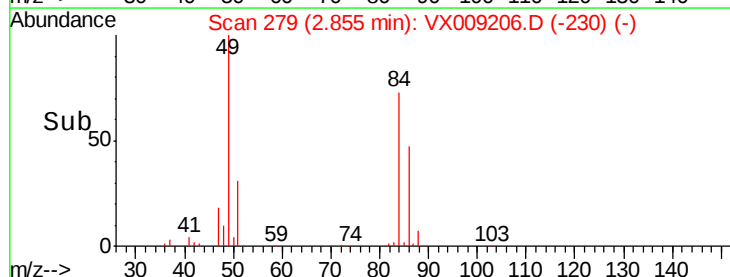
40000

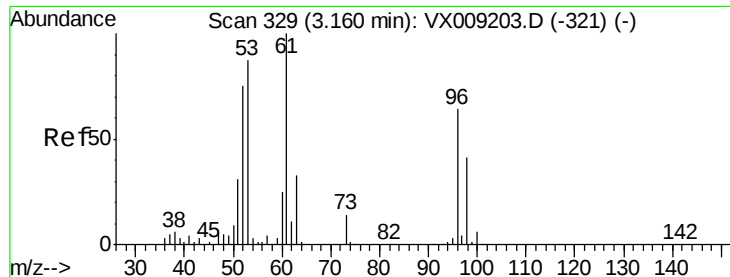
20000

0

Time-->

2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 51.452 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

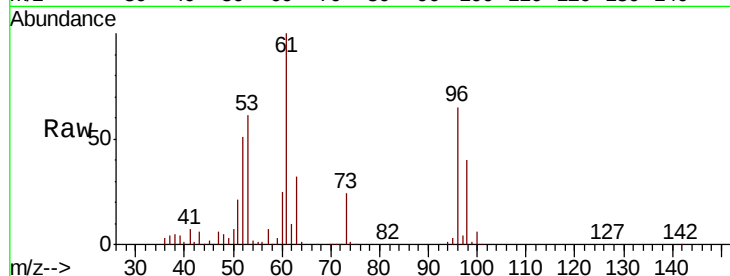
Tgt Ion: 96 Resp: 104734

Ion Ratio Lower Upper

96 100

61 153.8 124.5 186.7

98 61.9 50.4 75.6

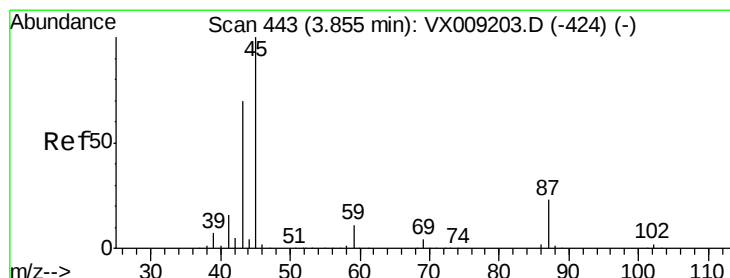
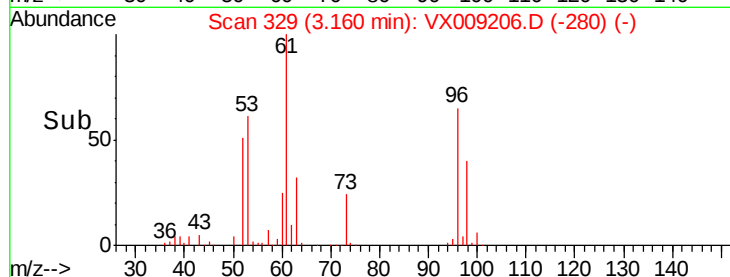
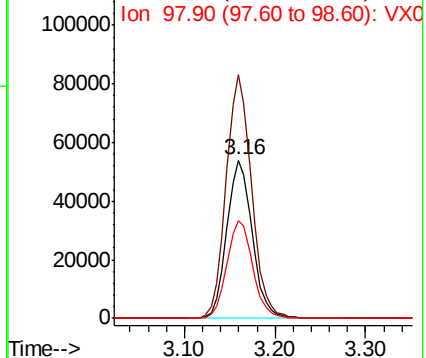


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.950 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Tgt Ion: 45 Resp: 439397

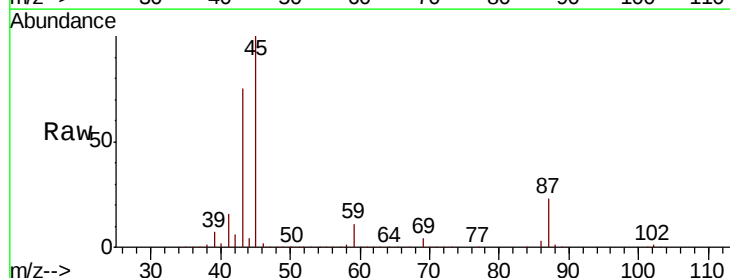
Ion Ratio Lower Upper

45 100

43 74.8 56.1 84.1

87 22.8 18.1 27.1

59 10.8 8.5 12.7



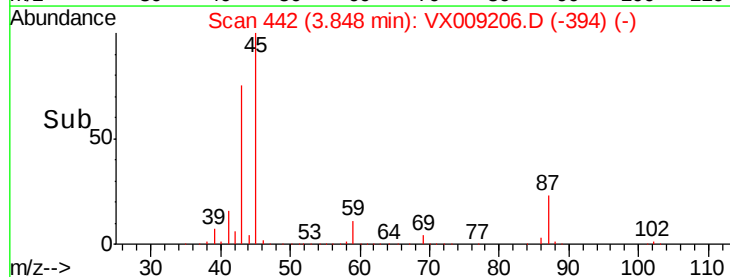
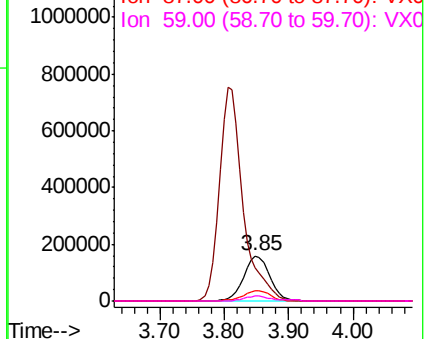
Abundance

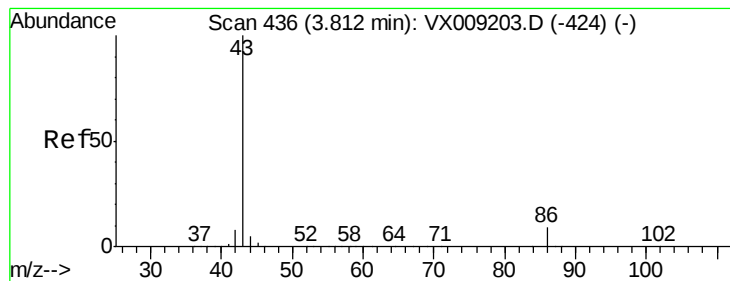
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 259.142 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

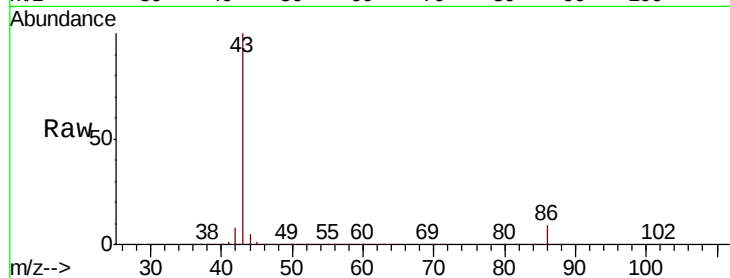
ICVVX042919

Tgt Ion: 43 Resp: 1952043

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

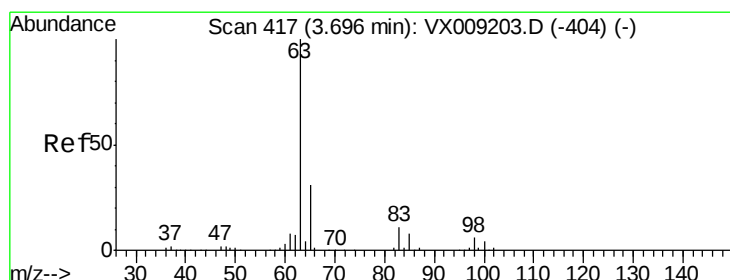
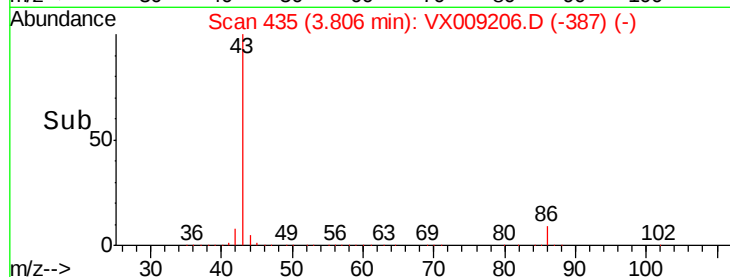
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.959 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

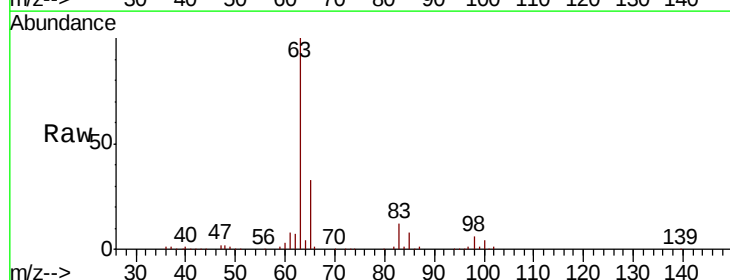
Tgt Ion: 63 Resp: 216797

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

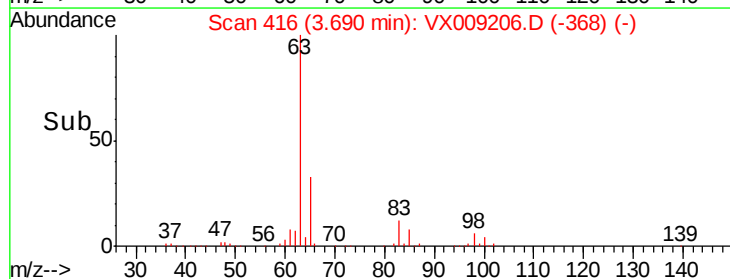
60000

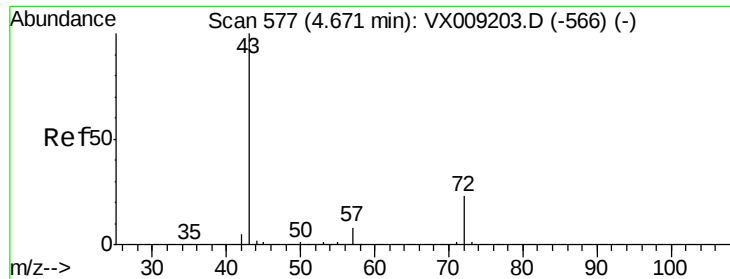
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 240.871 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

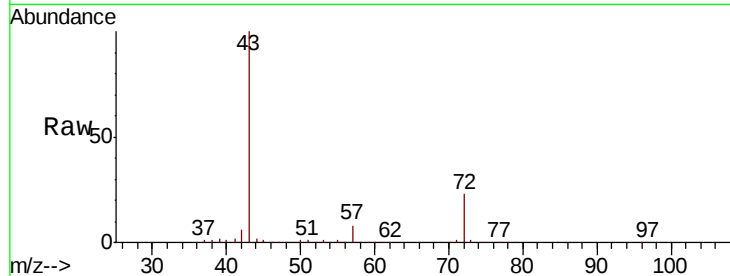
ICVVX042919

Tgt Ion: 43 Resp: 548859

Ion Ratio Lower Upper

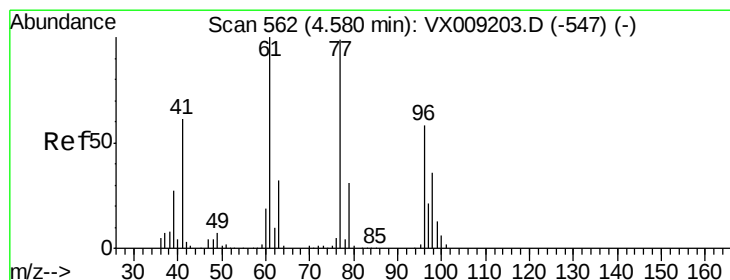
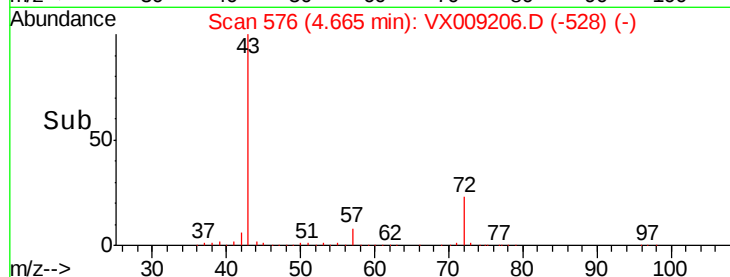
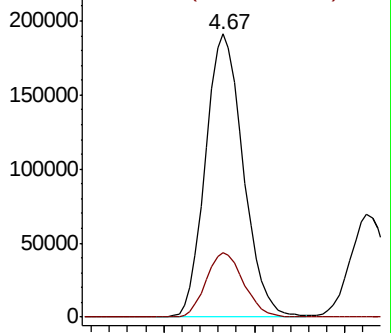
43 100

72 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.431 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX009206.D

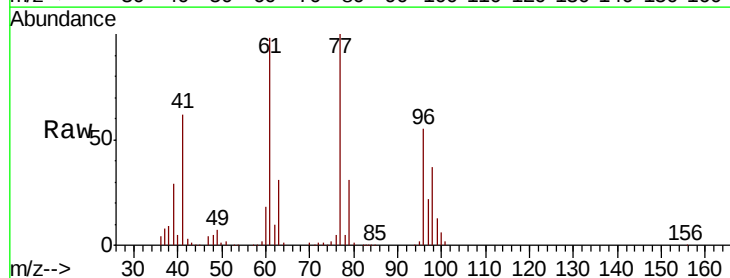
Acq: 29 Apr 2019 14:32

Tgt Ion: 77 Resp: 169356

Ion Ratio Lower Upper

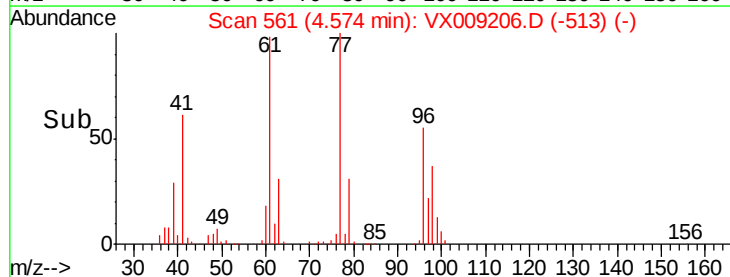
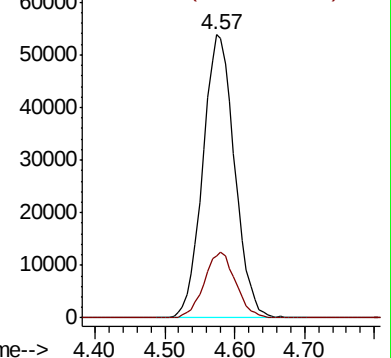
77 100

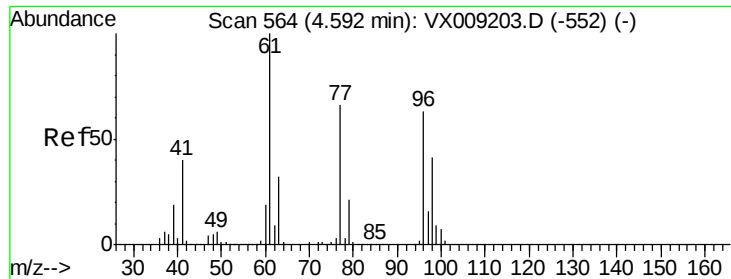
97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

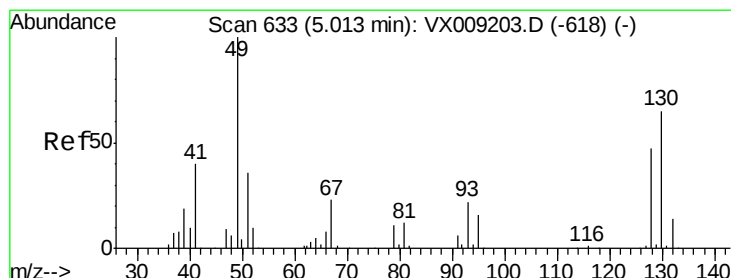
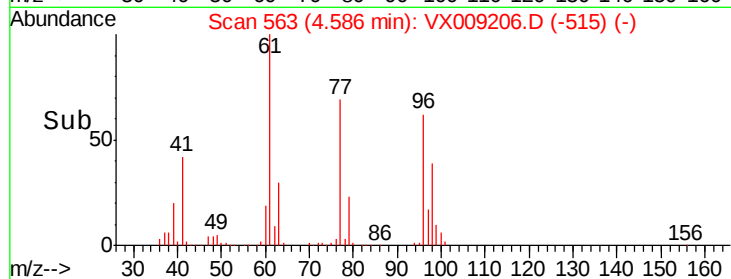
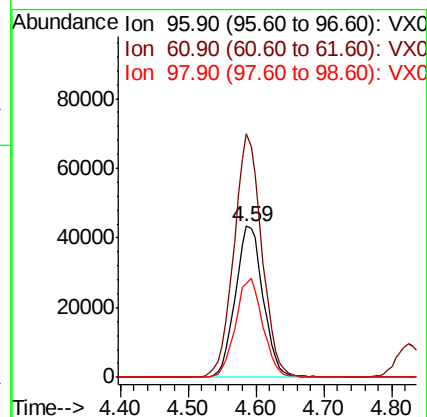
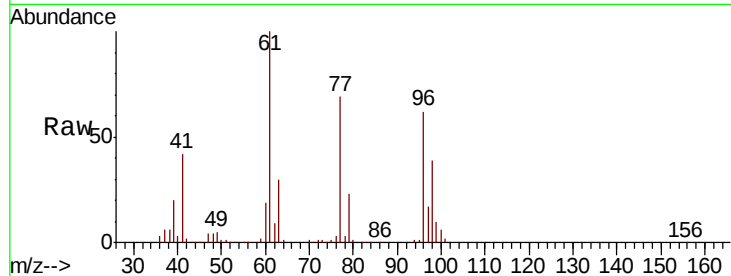




#27
 cis-1,2-Dichloroethene
 Concen: 50.616 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

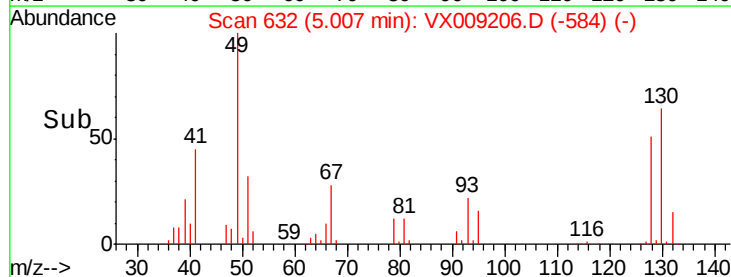
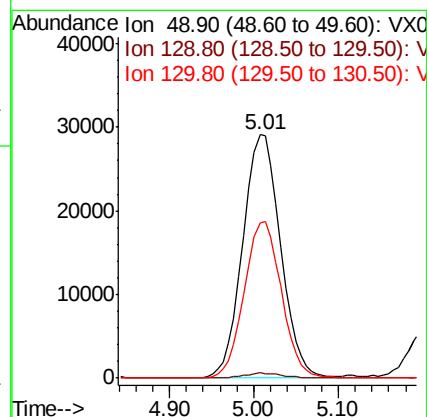
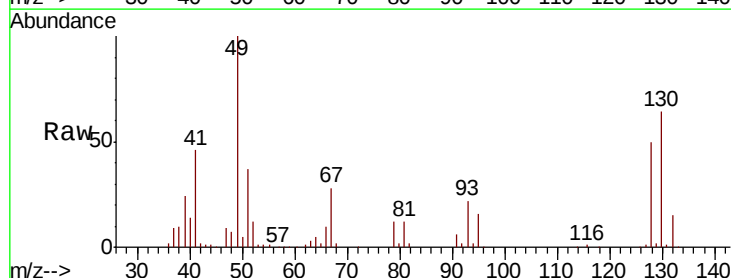
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

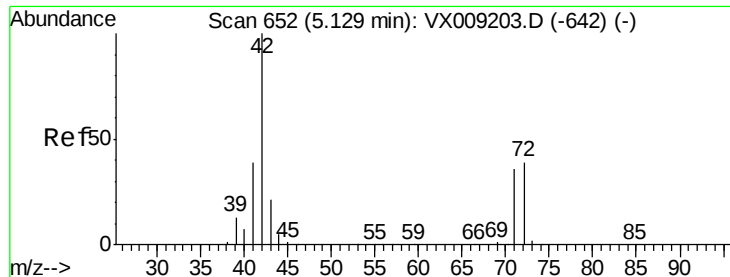
Tgt Ion: 96 Resp: 122982
 Ion Ratio Lower Upper
 96 100
 61 160.7 0.0 324.0
 98 64.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 50.913 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion: 49 Resp: 88850
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 63.2 51.2 76.8

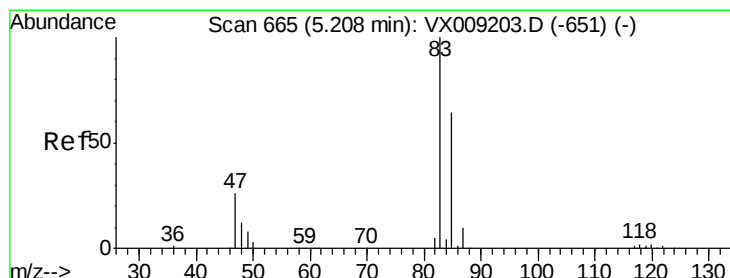
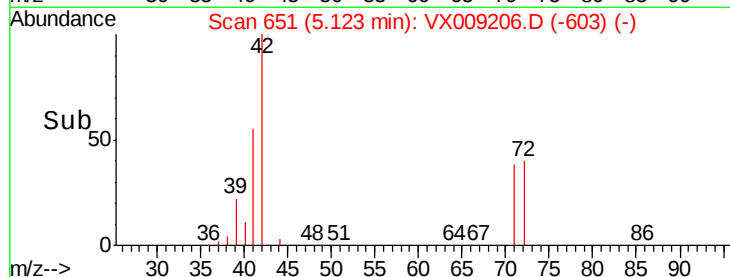
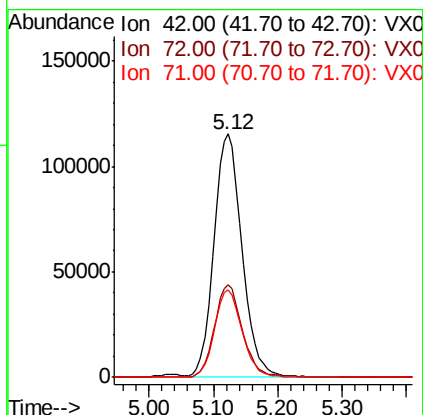
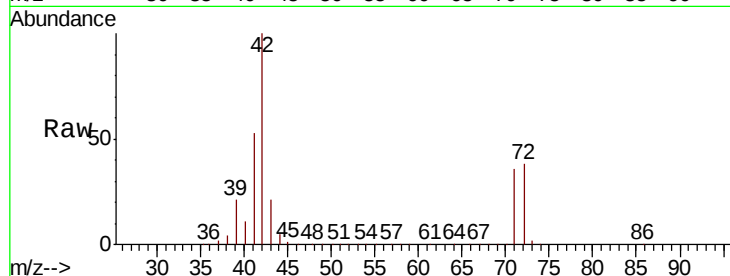




#29
Tetrahydrofuran
Concen: 240.085 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

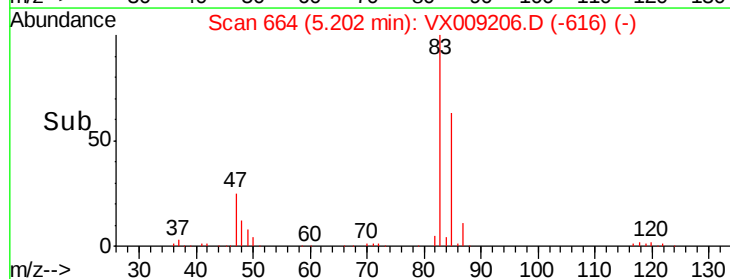
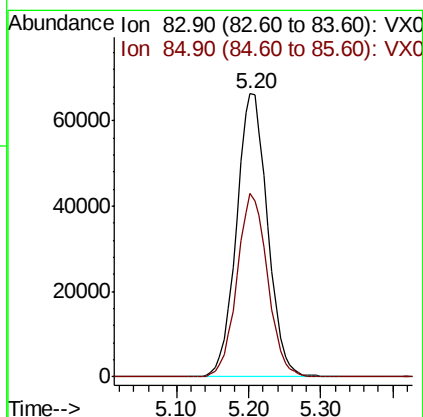
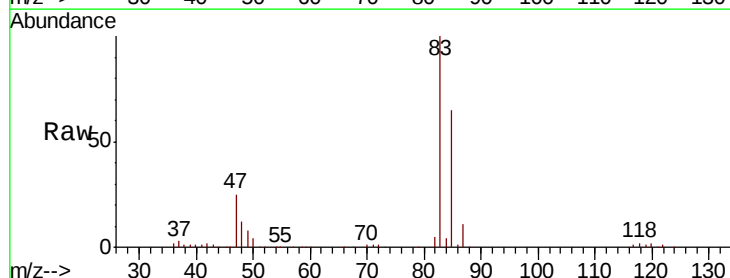
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

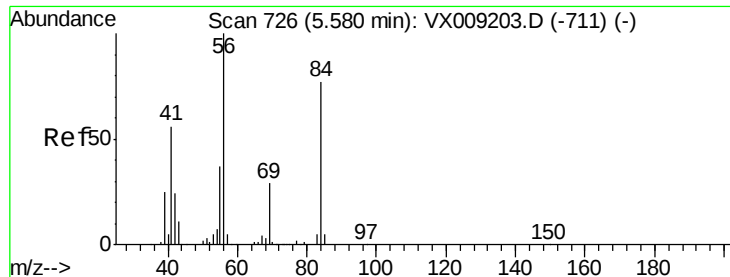
Tgt Ion: 42 Resp: 352037
Ion Ratio Lower Upper
42 100
72 38.3 30.4 45.6
71 35.8 28.6 43.0



#30
Chloroform
Concen: 50.482 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 83 Resp: 198134
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3

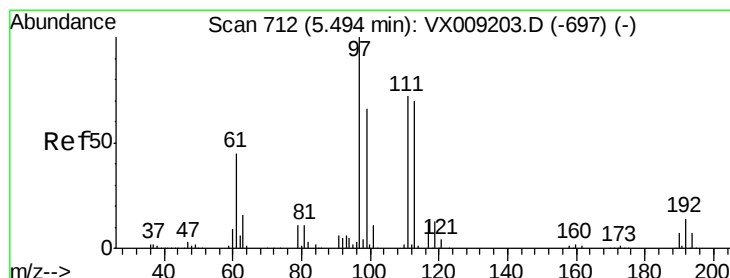
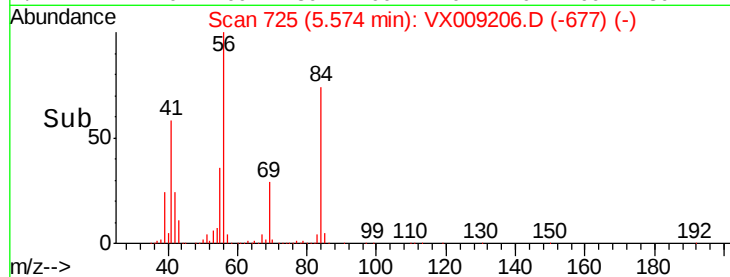
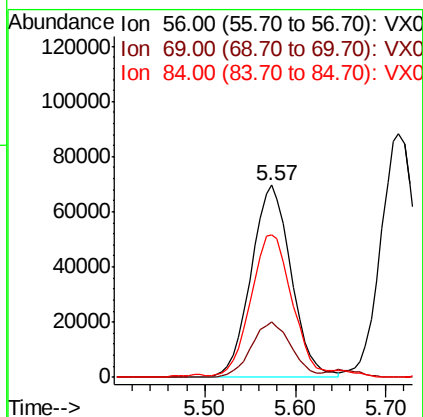
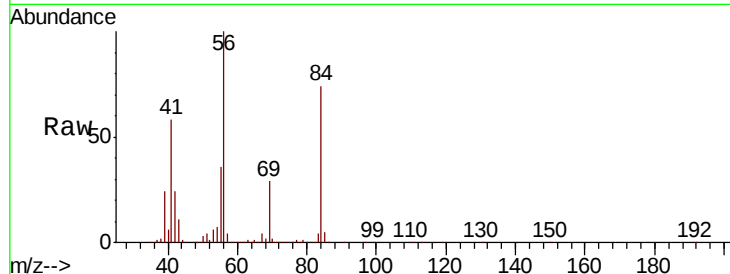




#31
Cyclohexane
Concen: 52.817 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

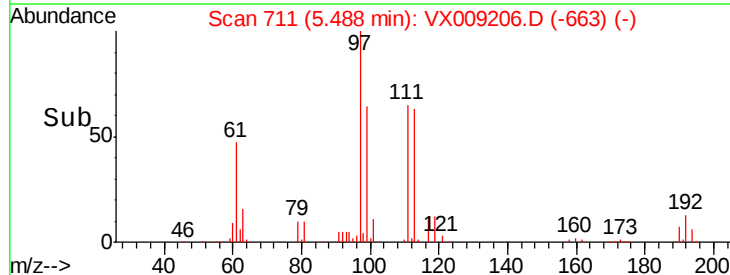
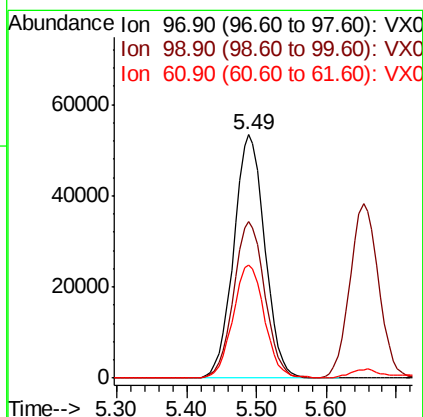
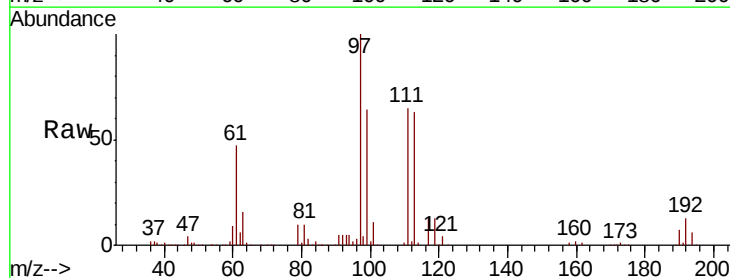
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

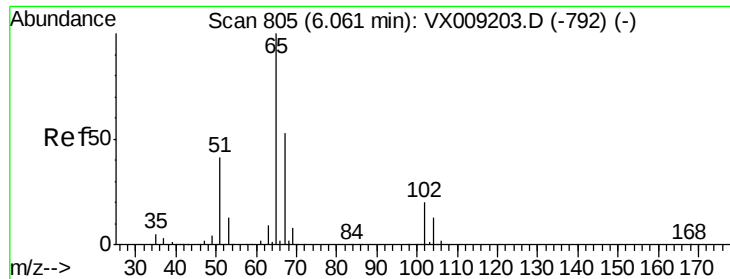
Tgt Ion: 56 Resp: 213242
Ion Ratio Lower Upper
56 100
69 28.9 23.4 35.0
84 72.8 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 50.323 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 97 Resp: 164417
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 46.9 37.8 56.8

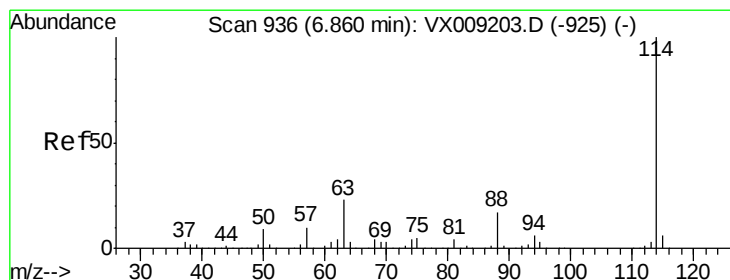
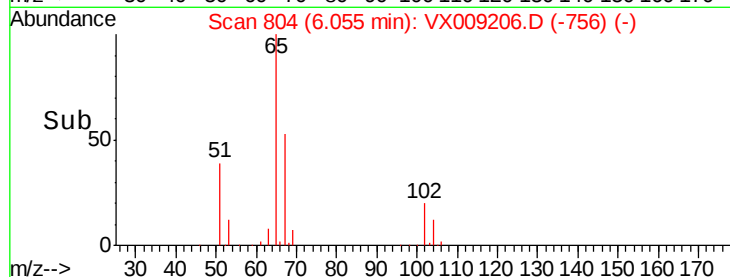
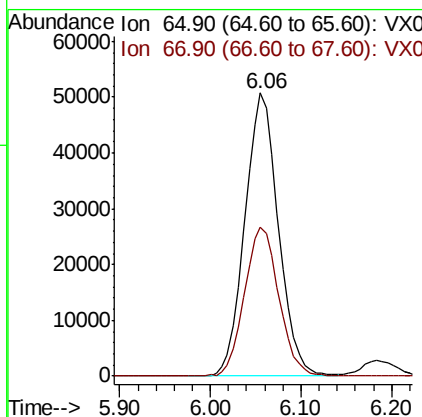
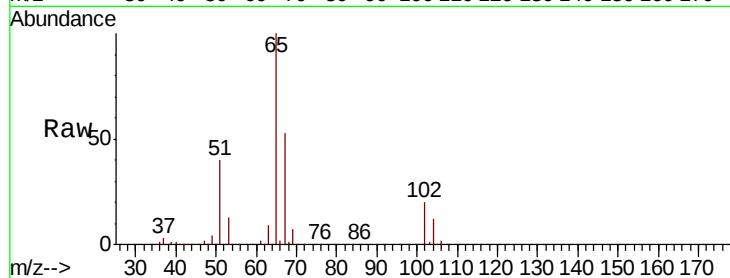




#33
 1,2-Dichloroethane-d4
 Concen: 47.527 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

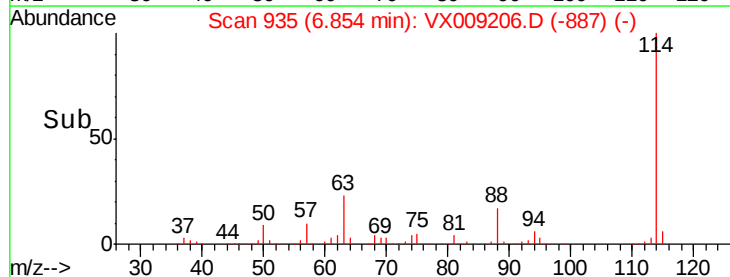
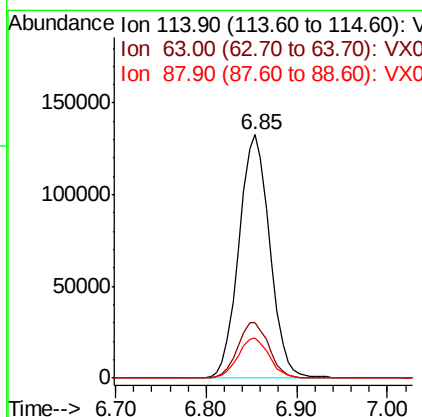
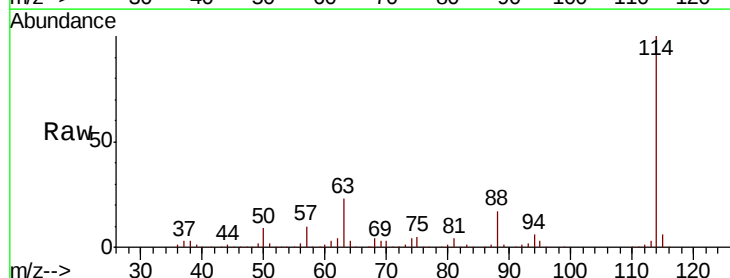
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

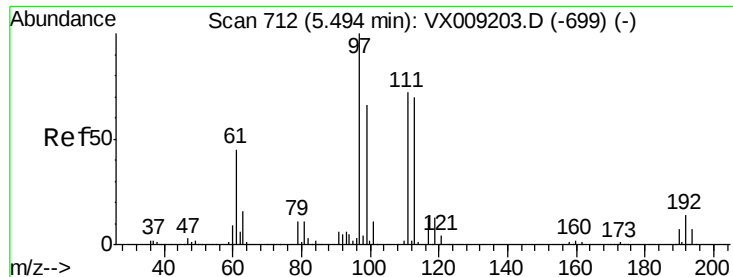
Tgt Ion: 65 Resp: 129787
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion: 114 Resp: 312808
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.7 0.0 33.2

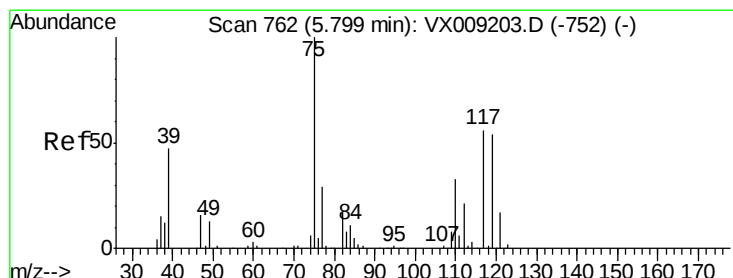
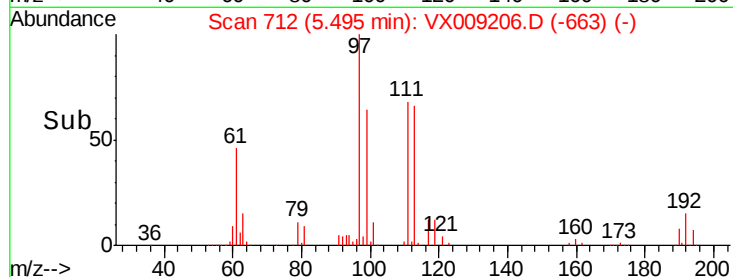
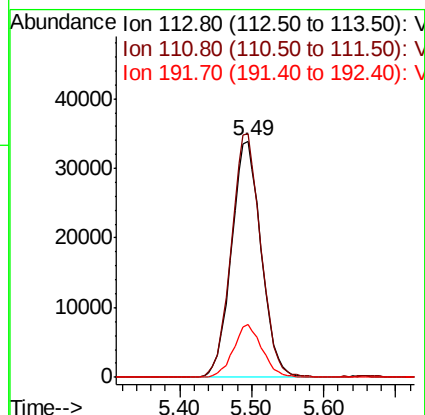
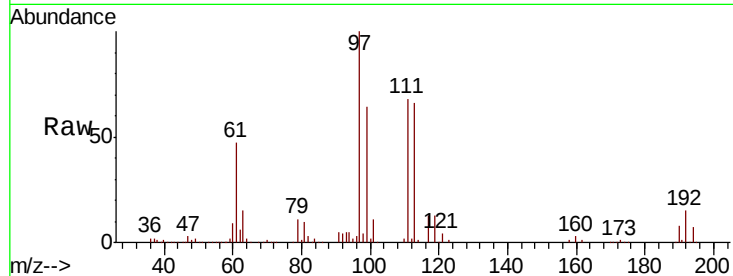




#35
 Dibromofluoromethane
 Concen: 49.389 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

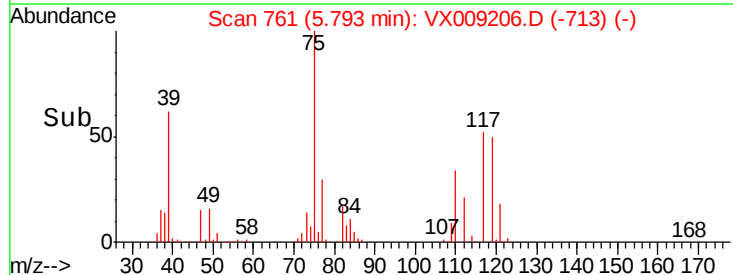
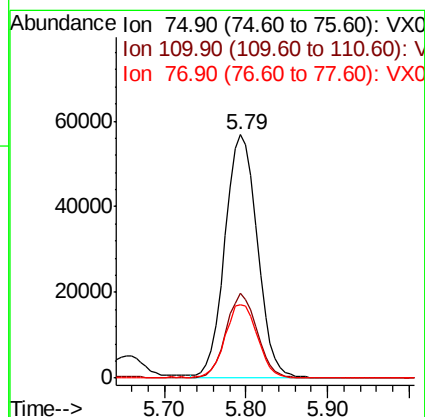
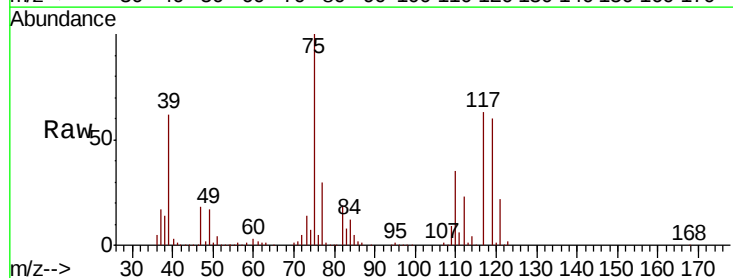
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

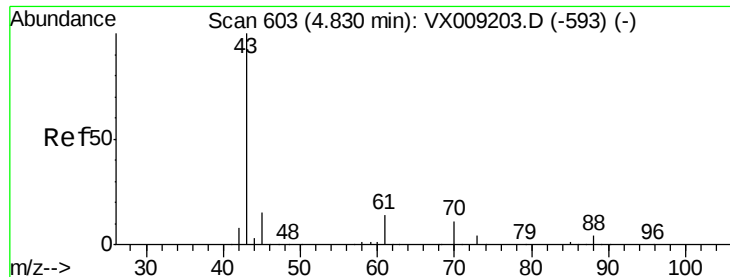
Tgt Ion:113 Resp: 97121
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 21.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 53.541 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion: 75 Resp: 155641
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 30.3 24.8 37.2





#37

Ethyl Acetate

Concen: 50.415 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

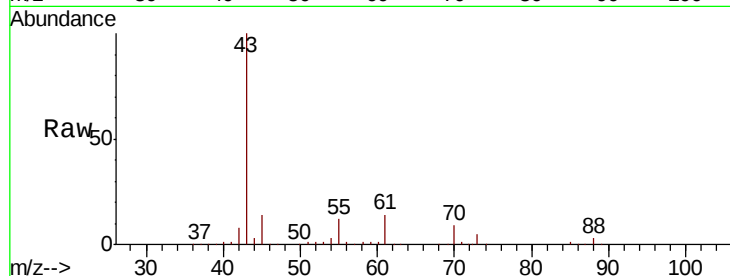
Tgt Ion: 43 Resp: 204195

Ion Ratio Lower Upper

43 100

61 13.3 10.5 15.7

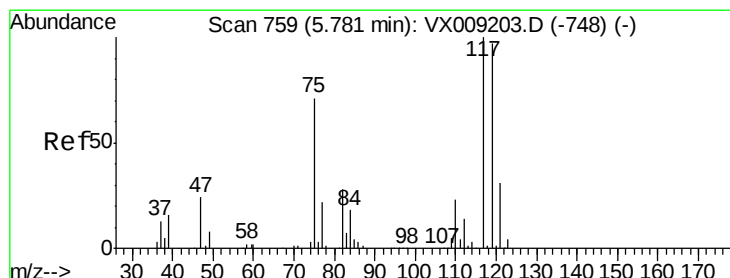
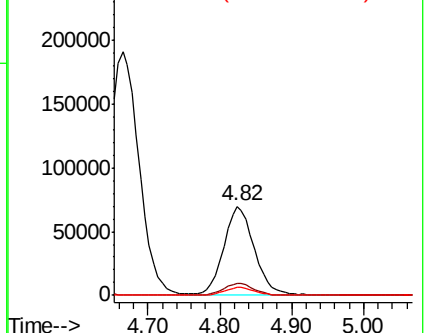
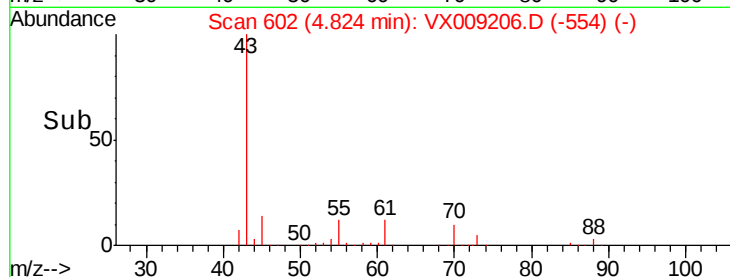
70 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009206.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX009206.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX009206.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 52.928 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

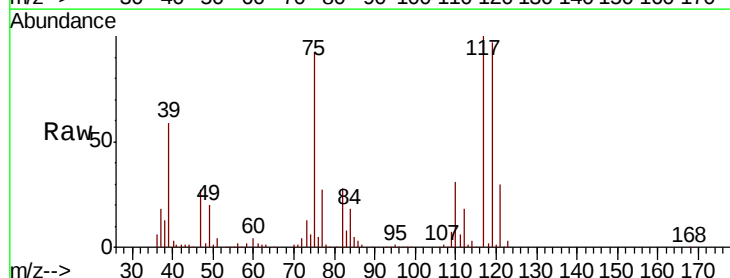
Tgt Ion: 117 Resp: 139792

Ion Ratio Lower Upper

117 100

119 97.1 77.5 116.3

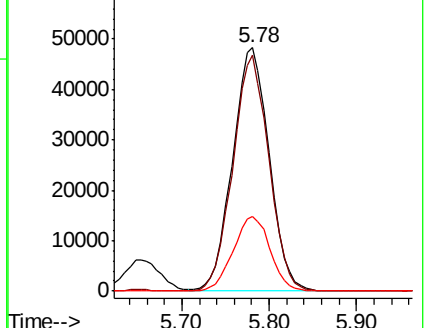
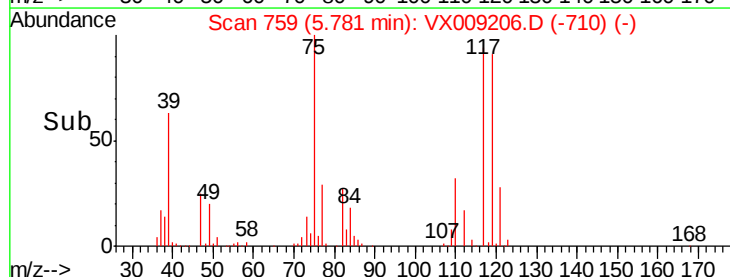
121 30.5 24.7 37.1

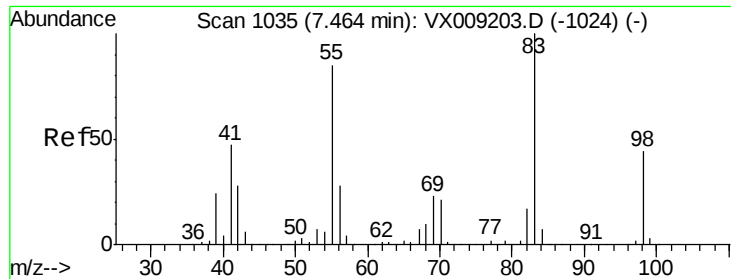


Abundance Ion 116.80 (116.50 to 117.50): VX009206.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009206.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009206.D (-710) (-)

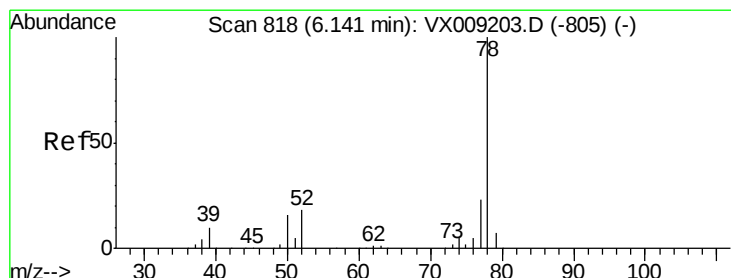
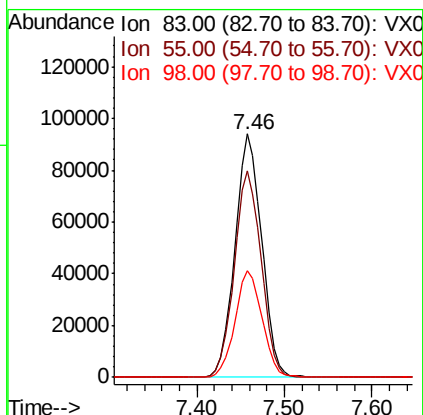
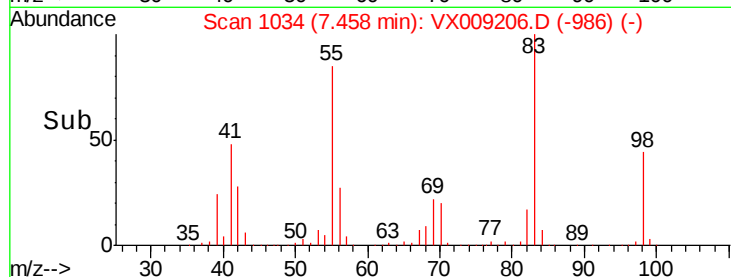
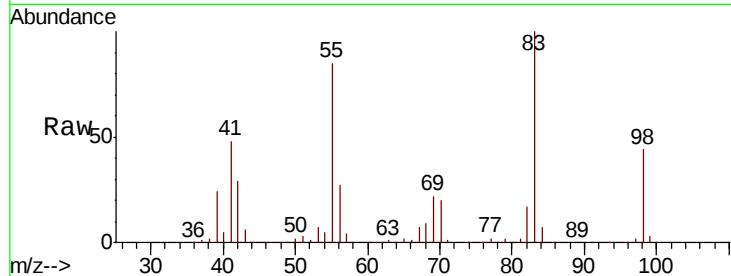




#39
Methylcyclohexane
Concen: 56.064 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

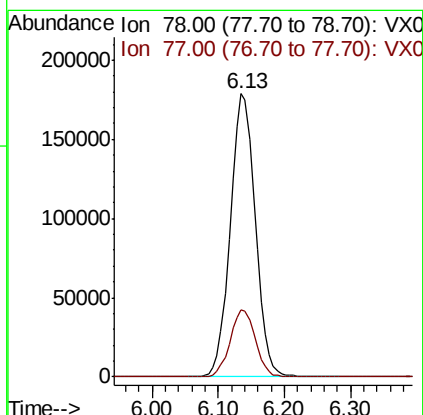
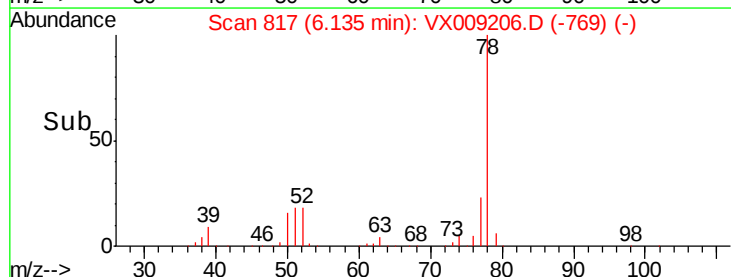
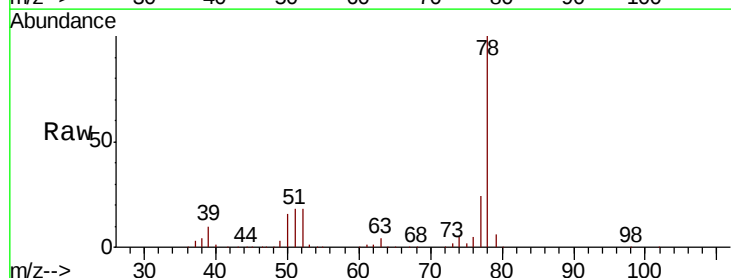
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

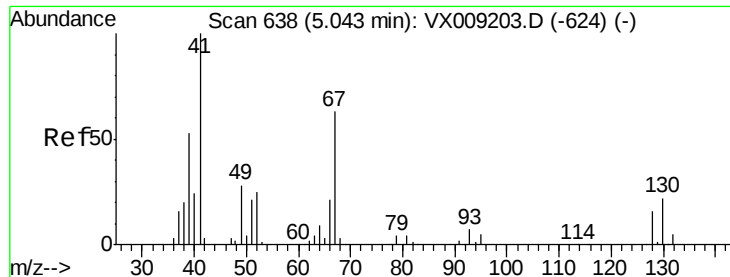
Tgt Ion: 83 Resp: 200151
Ion Ratio Lower Upper
83 100
55 84.5 67.7 101.5
98 43.7 35.5 53.3



#40
Benzene
Concen: 52.043 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 78 Resp: 468212
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41

Methacrylonitrile

Concen: 47.910 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

Tgt Ion: 41 Resp: 115511

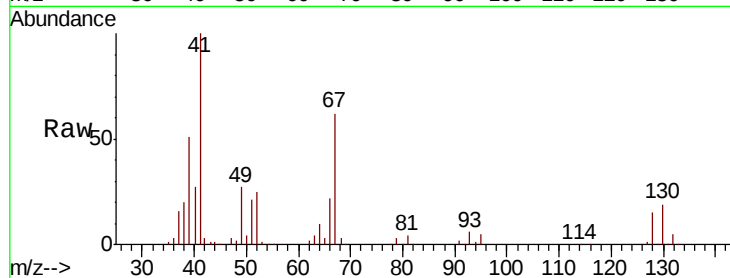
Ion Ratio Lower Upper

41 100

39 53.5 42.0 63.0

67 64.3 49.8 74.8

52 26.6 20.3 30.5

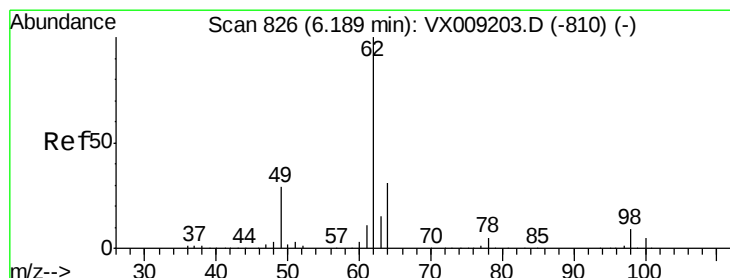
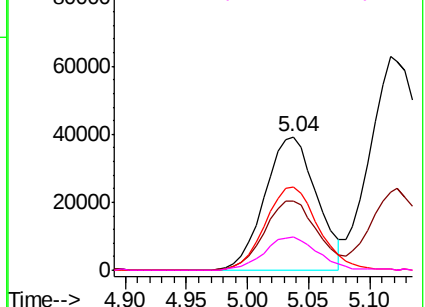
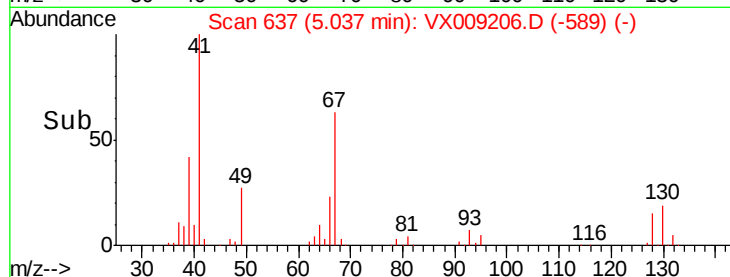


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.386 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009206.D

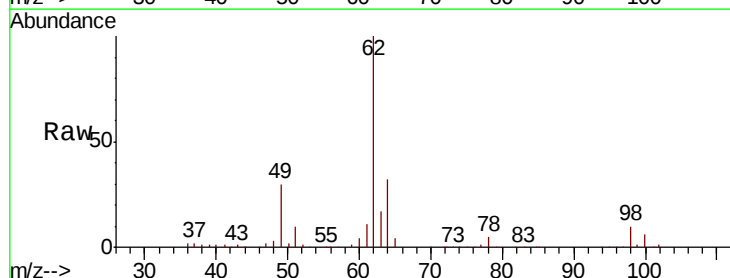
Acq: 29 Apr 2019 14:32

Tgt Ion: 62 Resp: 165835

Ion Ratio Lower Upper

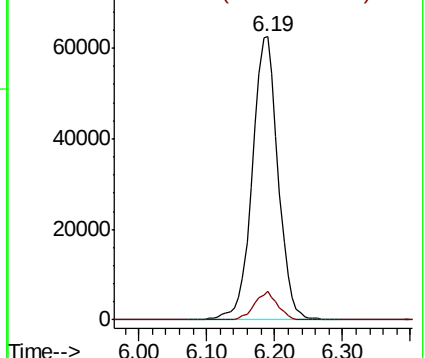
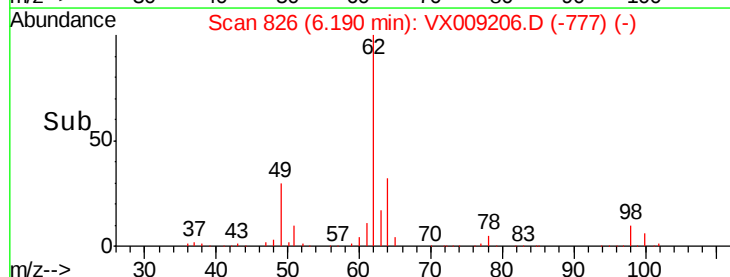
62 100

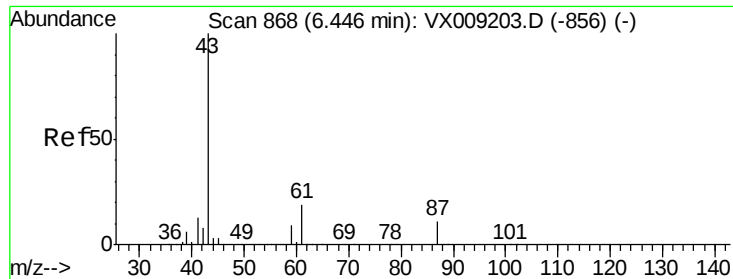
98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.365 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

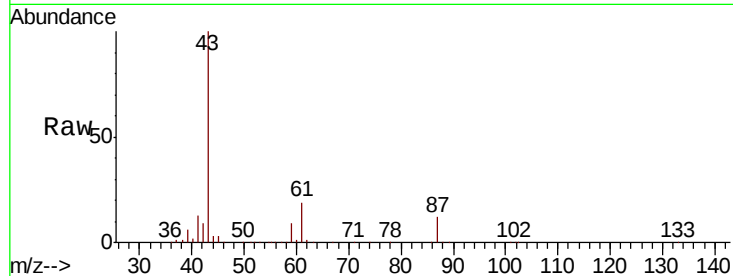
Tgt Ion: 43 Resp: 332776

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

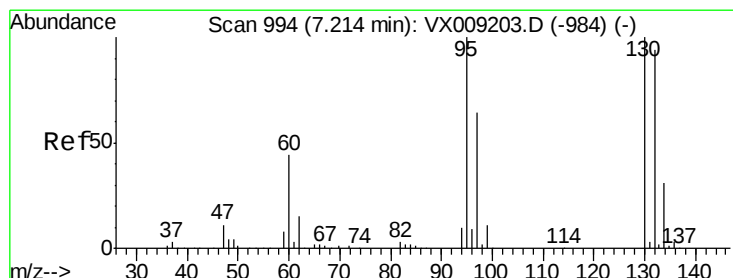
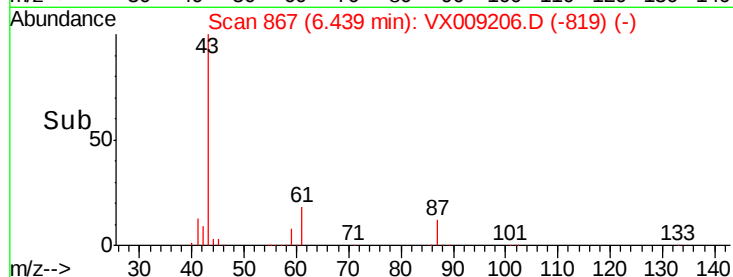
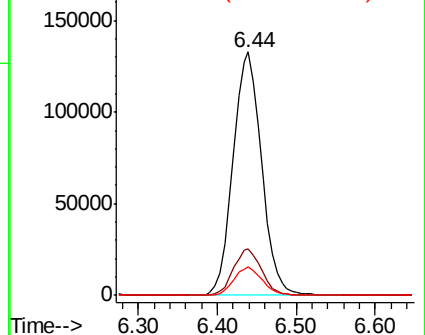
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.370 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009206.D

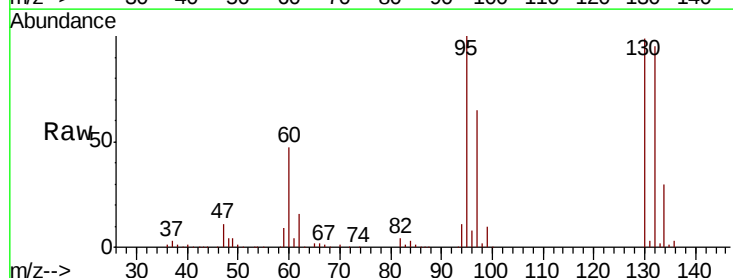
Acq: 29 Apr 2019 14:32

Tgt Ion: 130 Resp: 113901

Ion Ratio Lower Upper

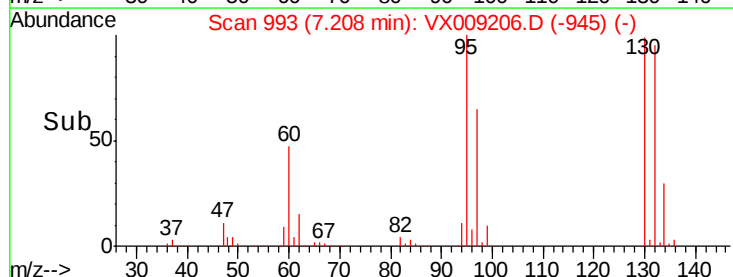
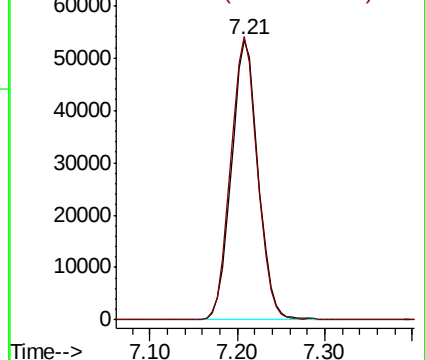
130 100

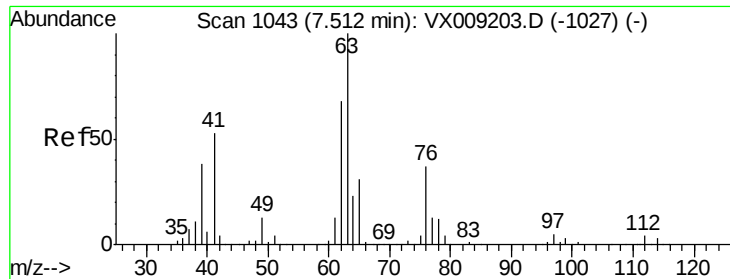
95 101.2 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.342 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

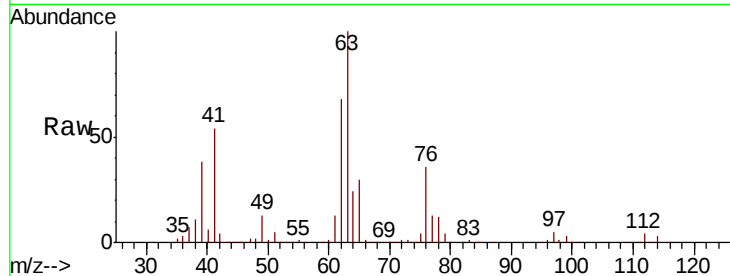
ICVVX042919

Tgt Ion: 63 Resp: 133338

Ion Ratio Lower Upper

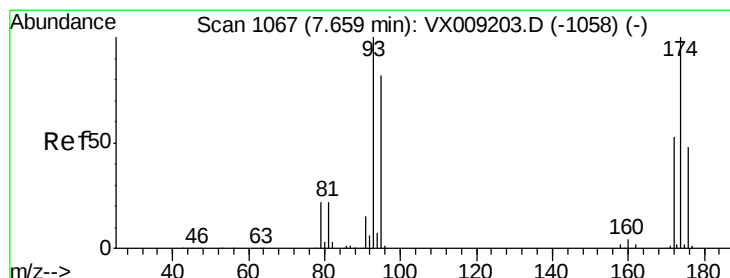
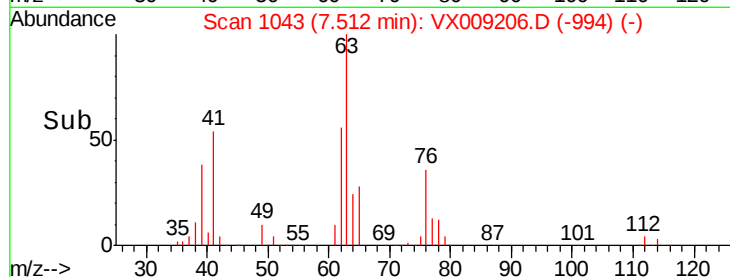
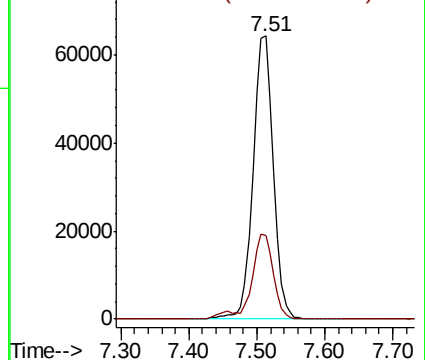
63 100

65 29.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.037 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

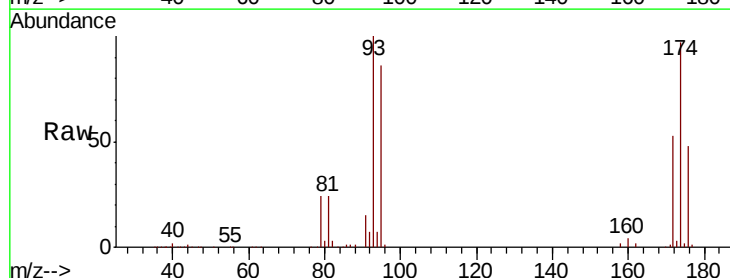
Tgt Ion: 93 Resp: 75500

Ion Ratio Lower Upper

93 100

95 84.4 66.5 99.7

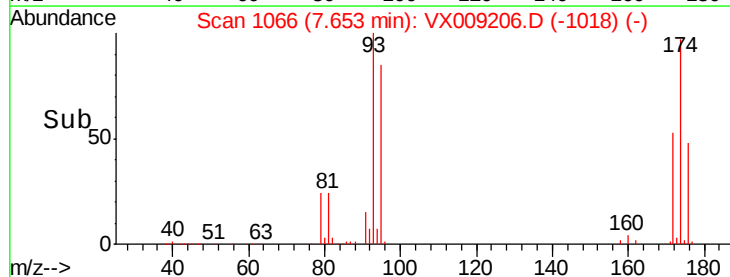
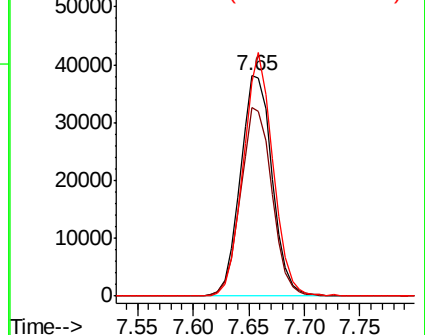
174 103.4 82.1 123.1

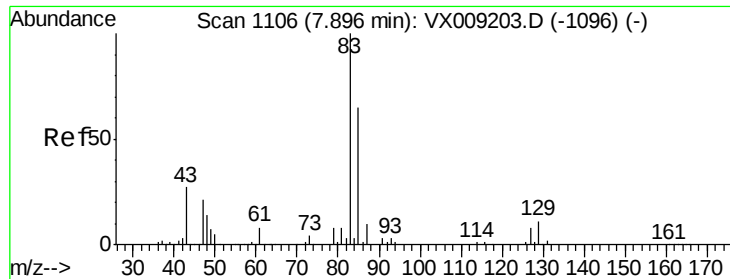


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.569 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

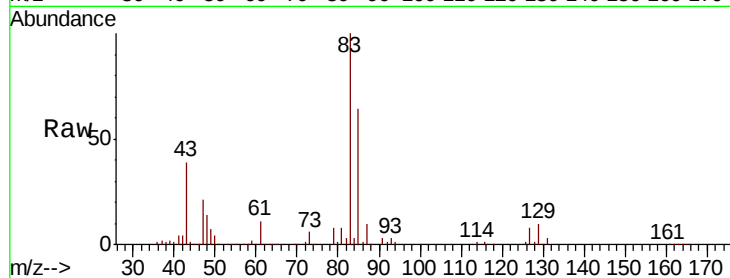
Tgt Ion: 83 Resp: 155125

Ion Ratio Lower Upper

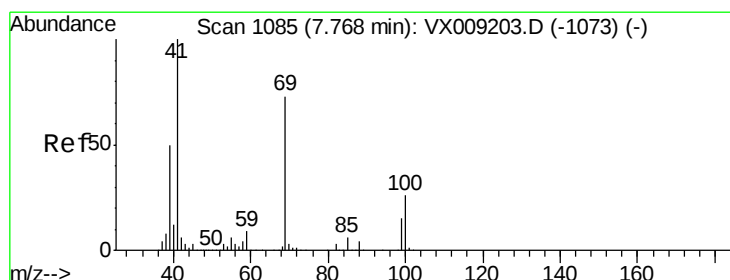
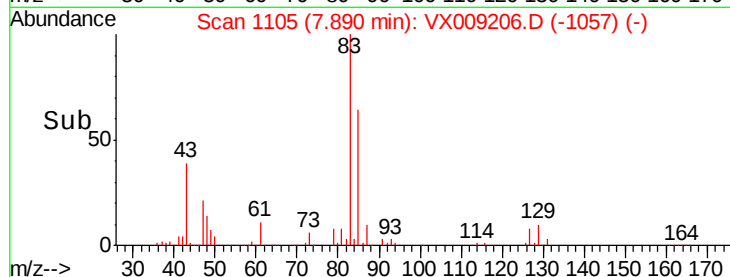
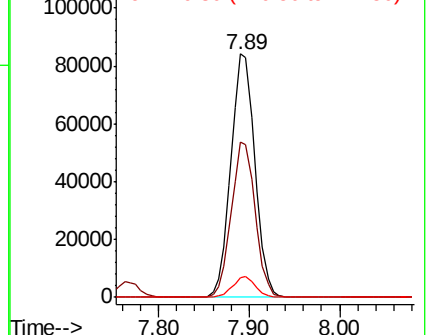
83 100

85 63.7 52.4 78.6

127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.832 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

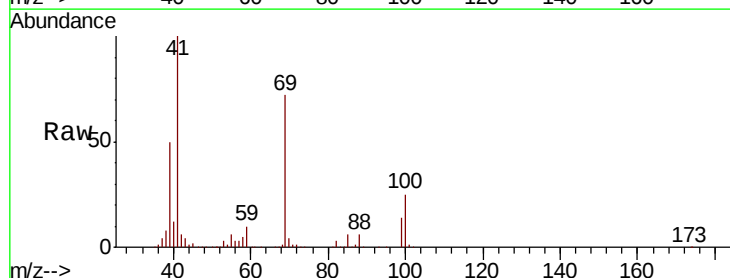
Tgt Ion: 41 Resp: 166599

Ion Ratio Lower Upper

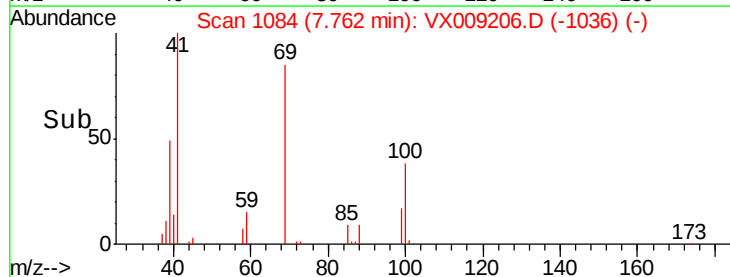
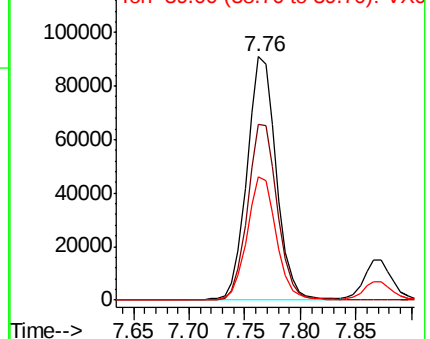
41 100

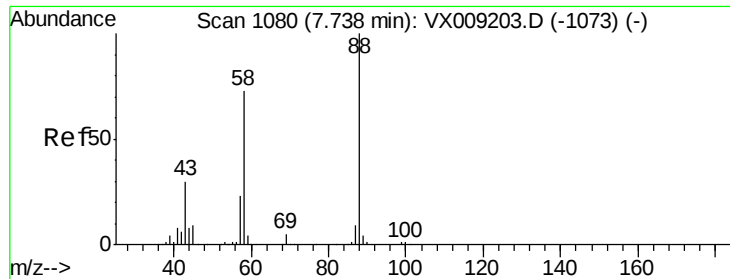
69 73.7 59.1 88.7

39 50.1 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

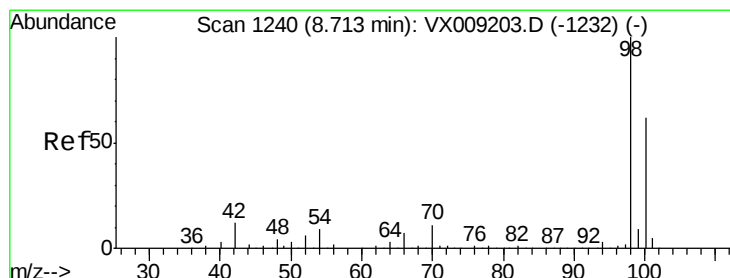
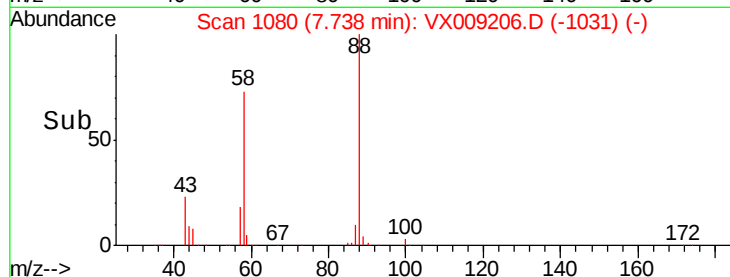
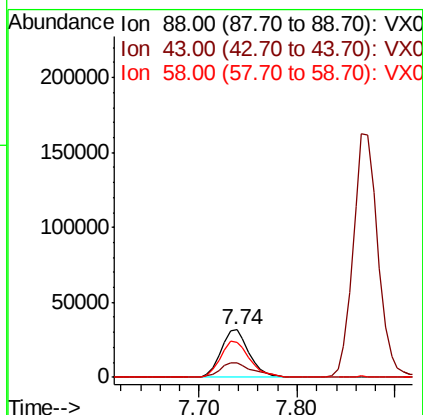
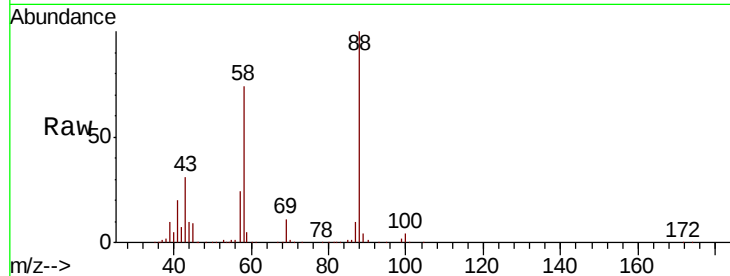




#49
1,4-Dioxane
Concen: 975.323 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

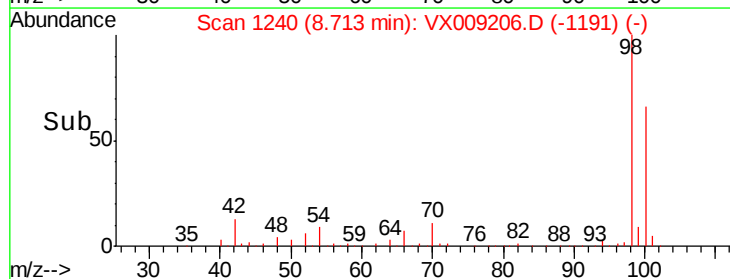
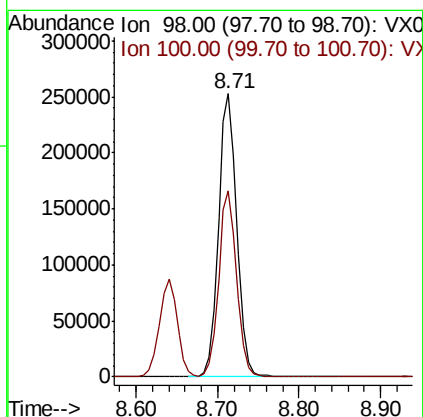
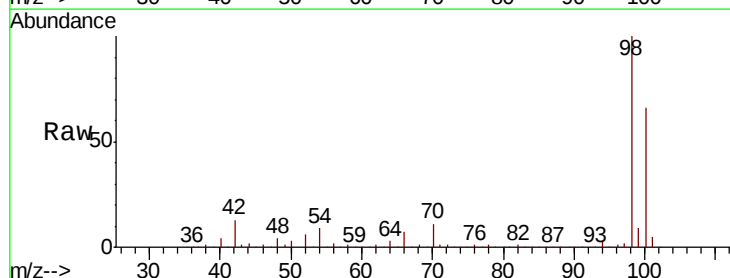
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

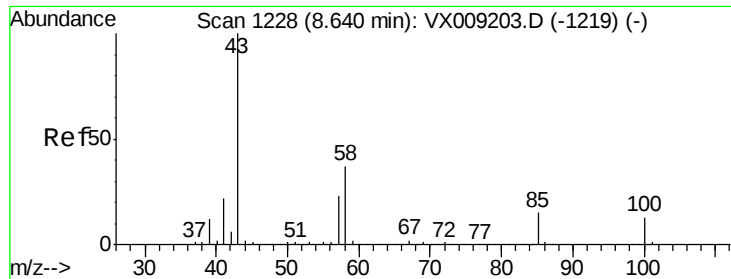
Tgt Ion: 88 Resp: 63575
Ion Ratio Lower Upper
88 100
43 36.3 28.6 42.8
58 78.5 61.7 92.5



#50
Toluene-d8
Concen: 49.839 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 98 Resp: 395669
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8

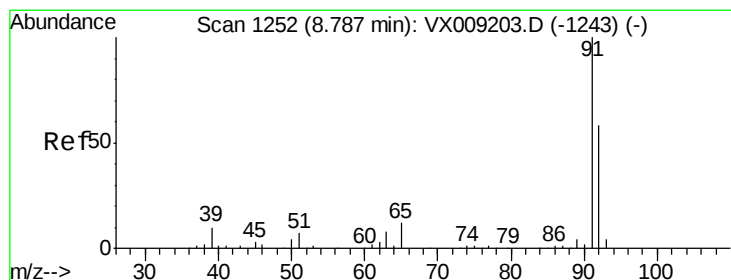
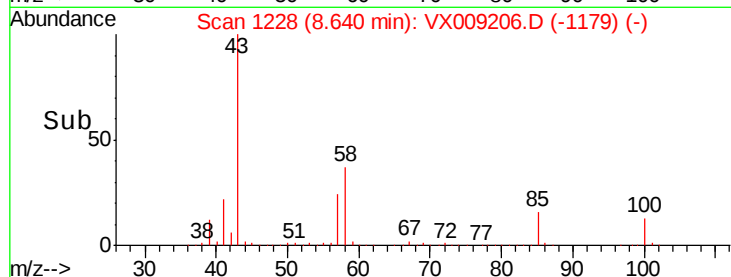
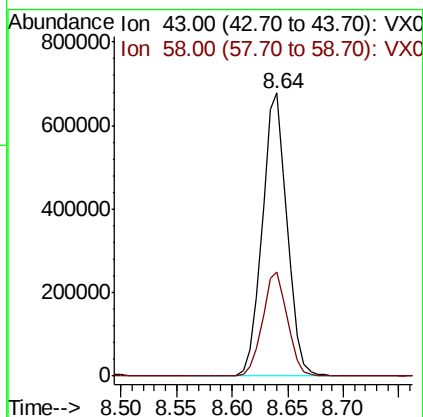
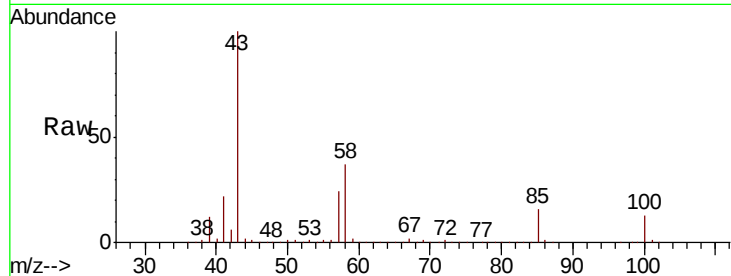




#51
 4-Methyl-2-Pentanone
 Concen: 248.865 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

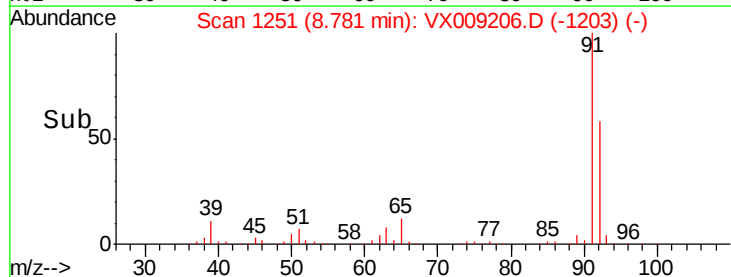
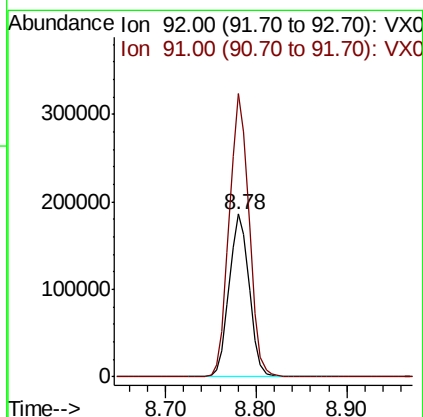
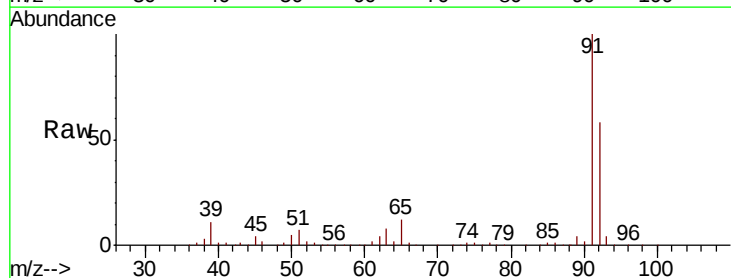
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

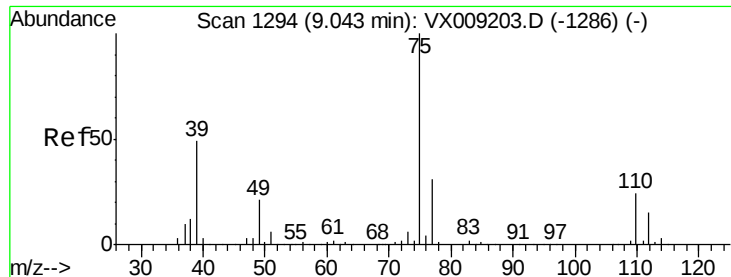
Tgt Ion: 43 Resp: 1053833
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.5 44.3



#52
 Toluene
 Concen: 52.467 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion: 92 Resp: 286929
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.8 208.2

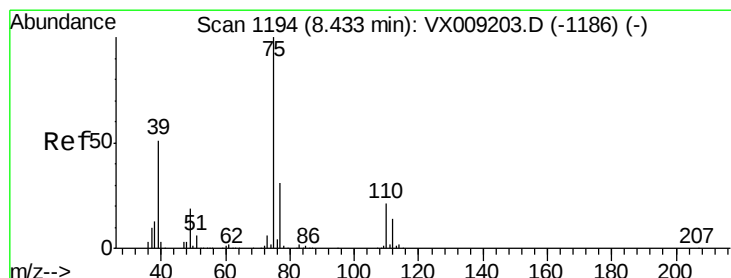
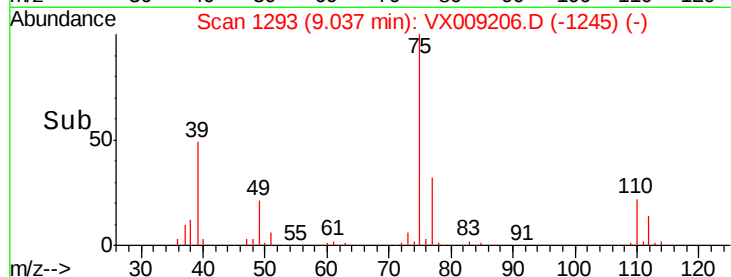
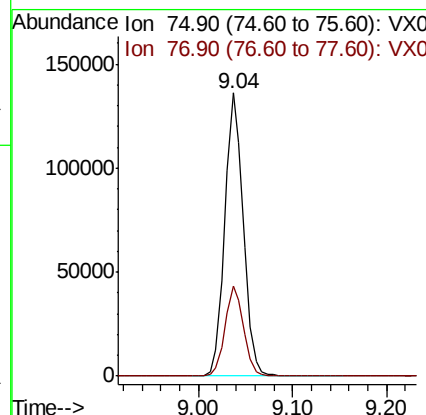
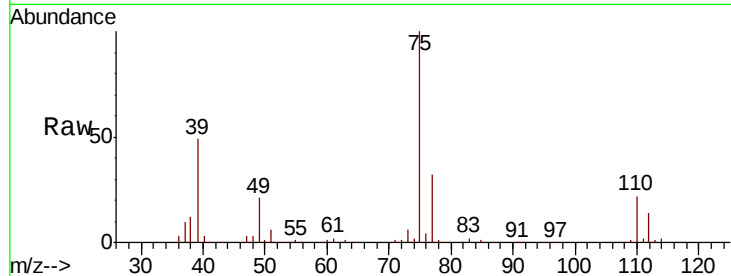




#53
 t-1,3-Dichloropropene
 Concen: 55.700 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

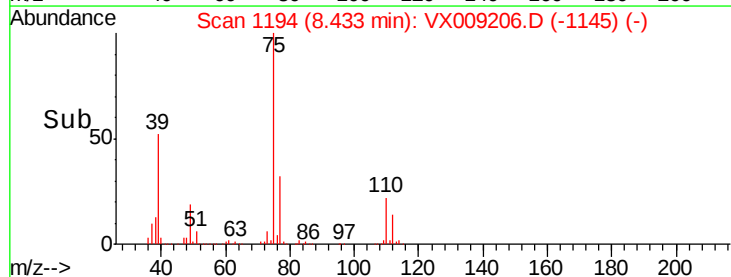
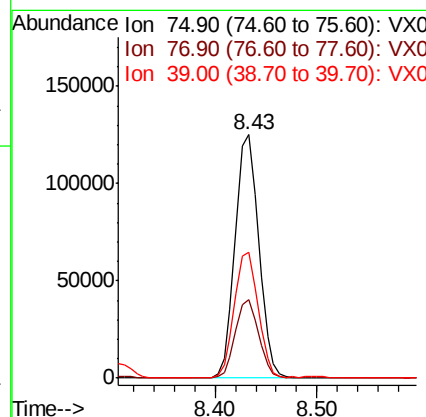
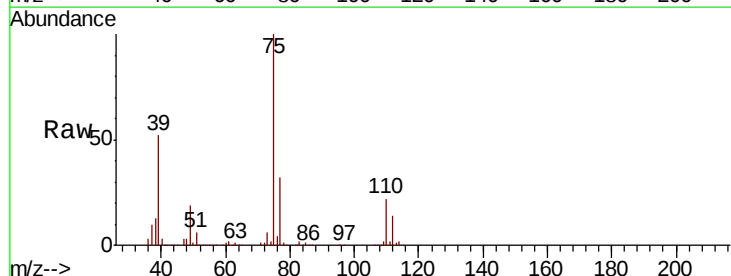
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

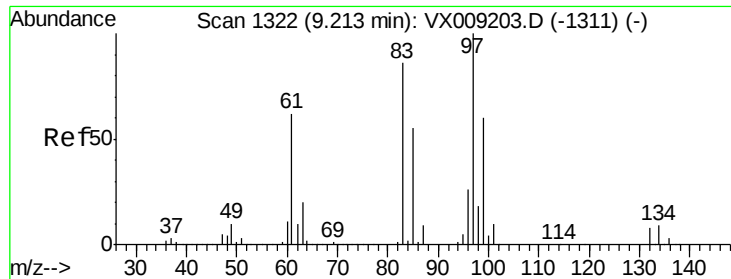
Tgt Ion: 75 Resp: 185567
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.599 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion: 75 Resp: 201336
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8
 39 51.8 40.6 60.8

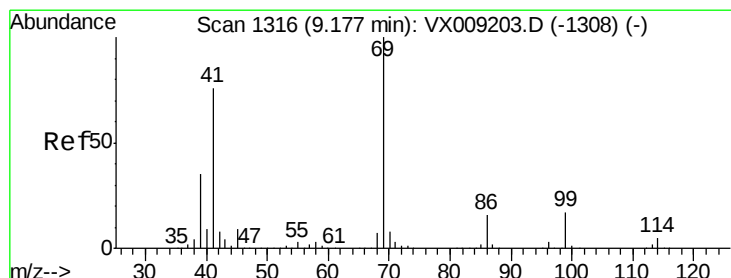
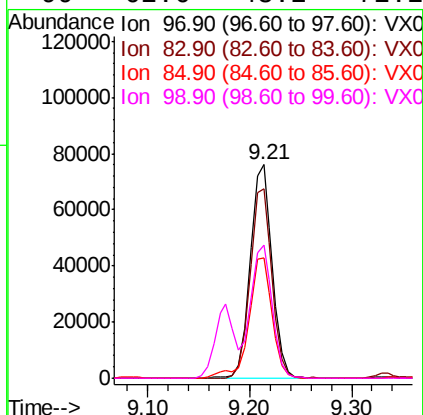
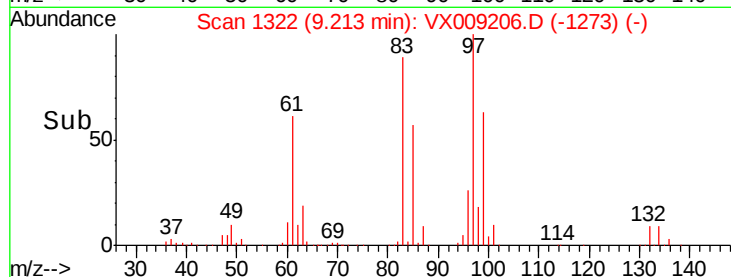
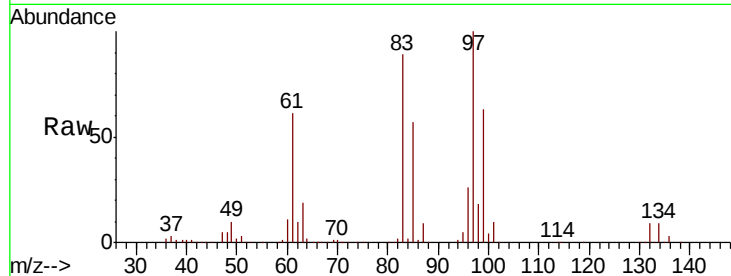




#55
 1,1,2-Trichloroethane
 Concen: 51.209 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

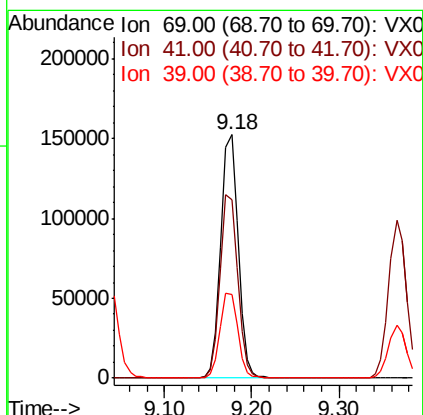
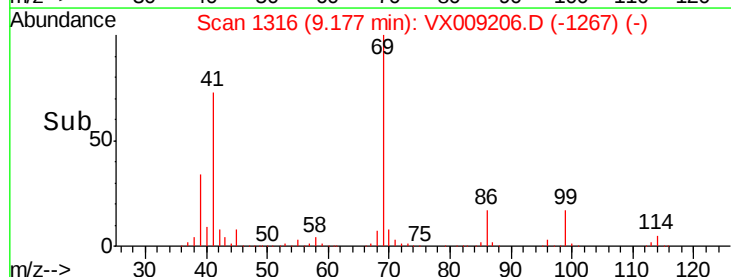
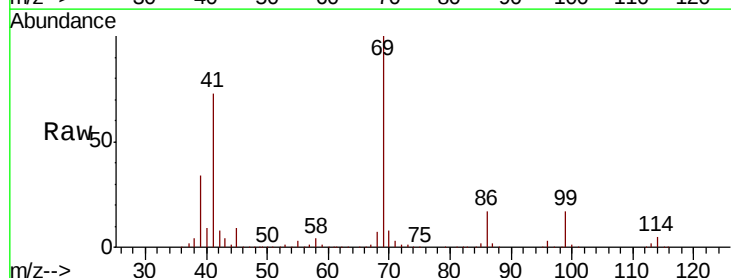
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

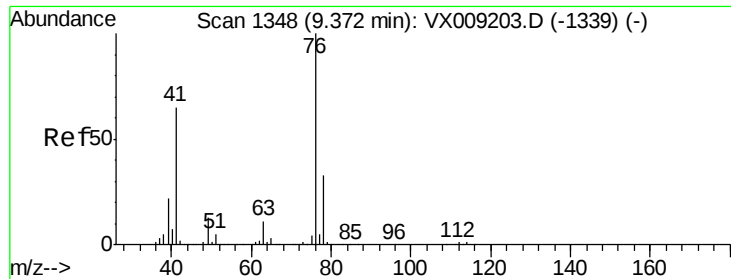
Tgt Ion:	97	Resp:	114252
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.9	103.3
85	56.5	43.8	65.6
99	62.6	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 52.777 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion:	69	Resp:	210190
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.6	90.8
39	35.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 51.870 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

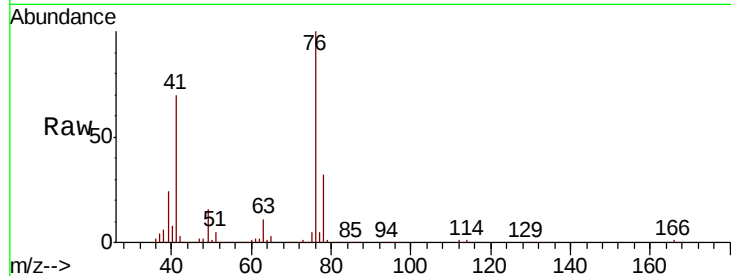
ICVVX042919

Tgt Ion: 76 Resp: 203652

Ion Ratio Lower Upper

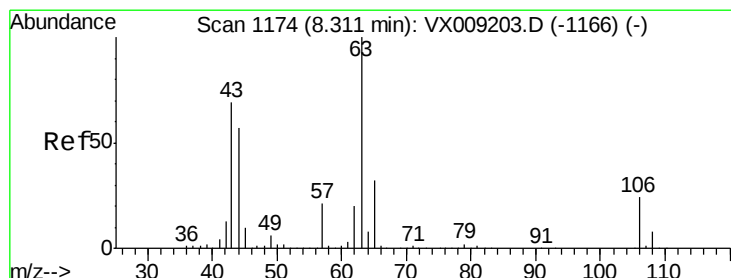
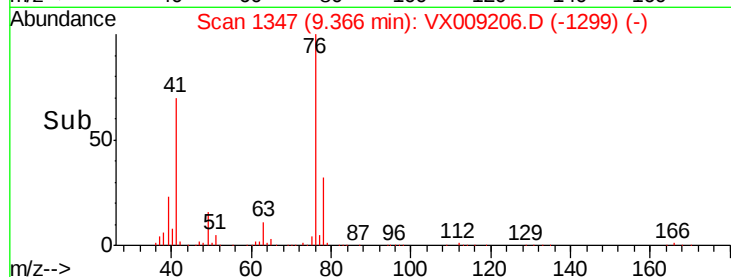
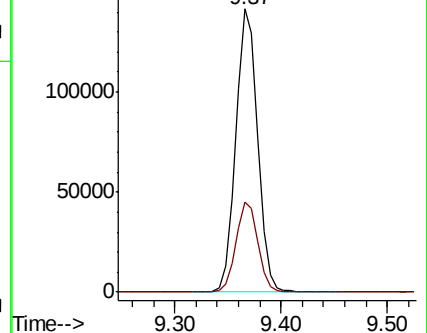
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 271.627 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009206.D

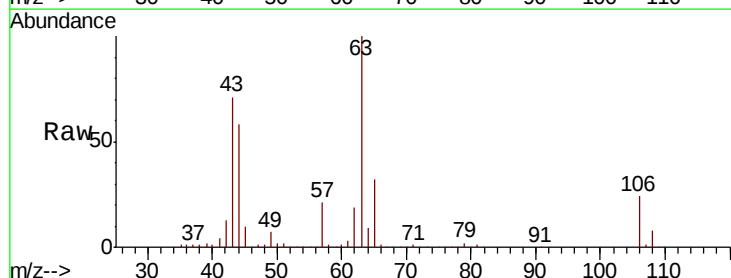
Acq: 29 Apr 2019 14:32

Tgt Ion: 63 Resp: 573887

Ion Ratio Lower Upper

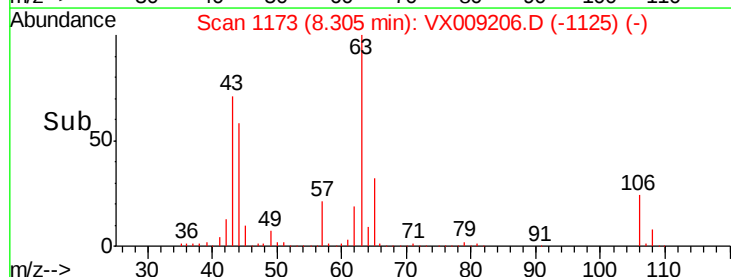
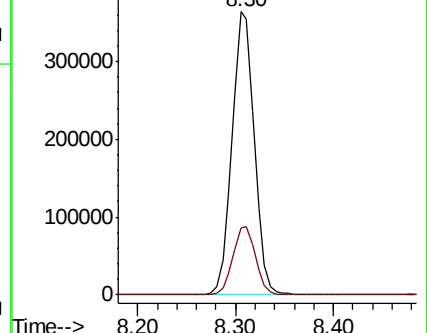
63 100

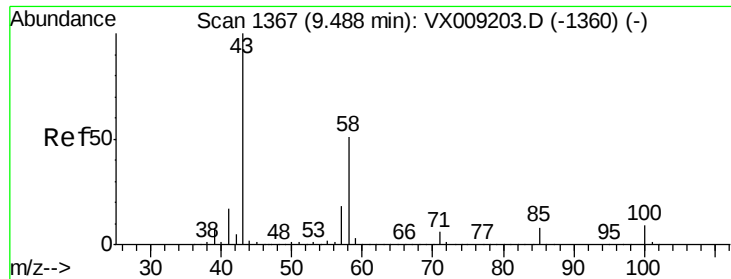
106 24.6 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

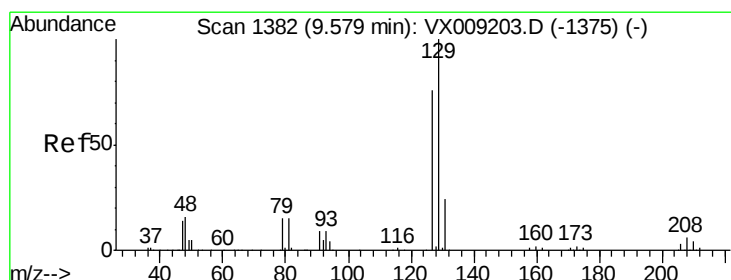
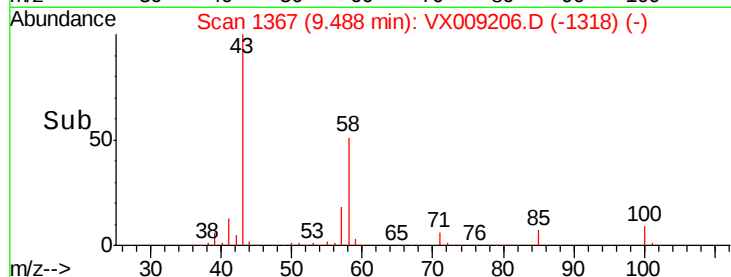
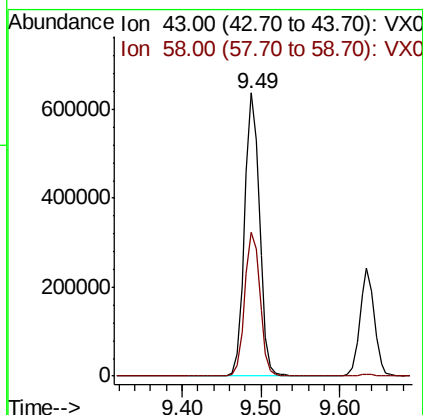
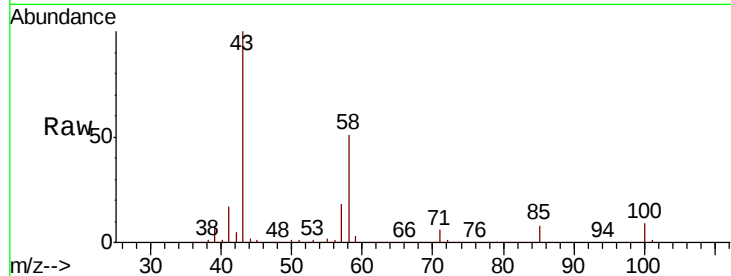




#59
2-Hexanone
Concen: 252.732 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

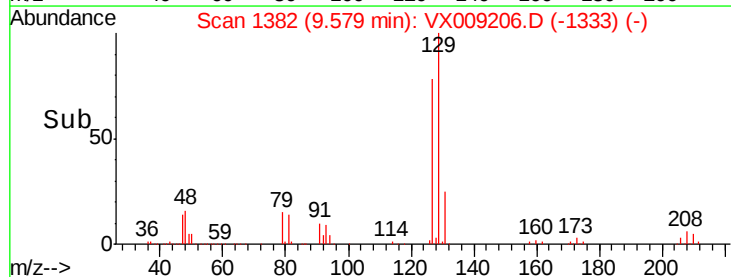
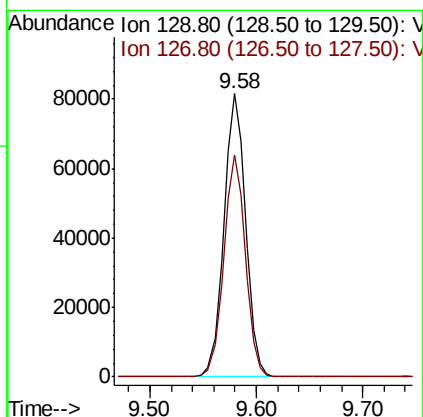
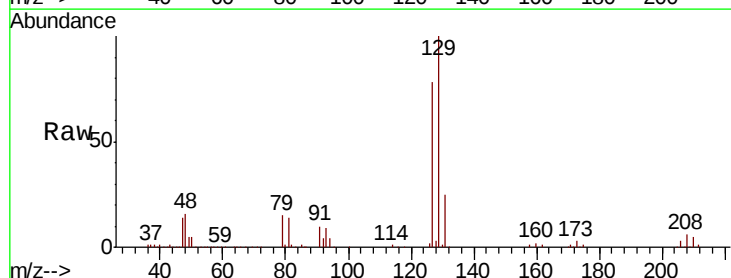
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

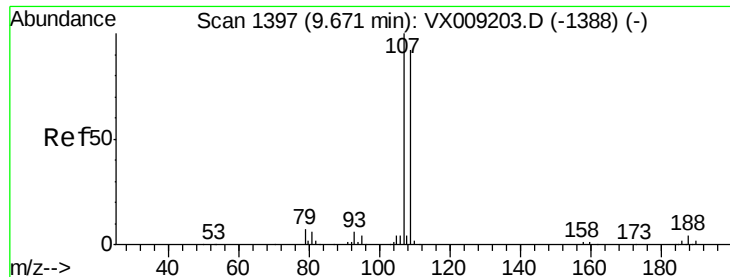
Tgt Ion: 43 Resp: 840530
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 53.384 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 129 Resp: 116329
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1

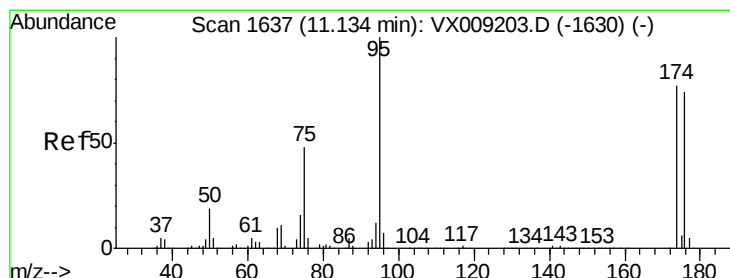
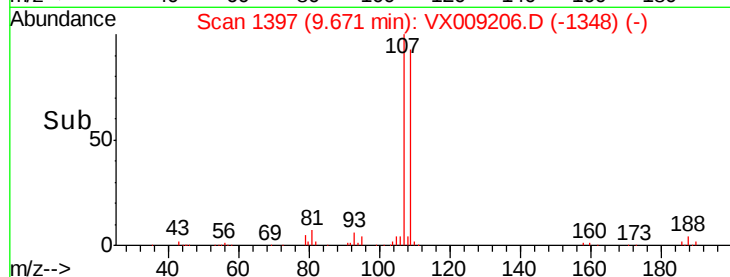
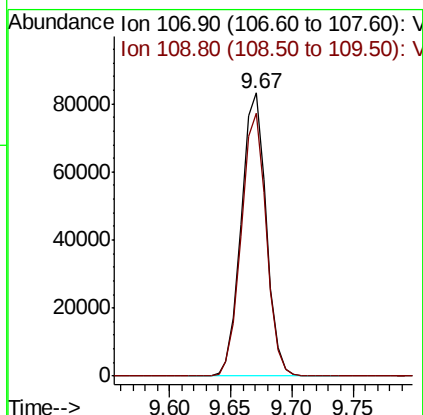
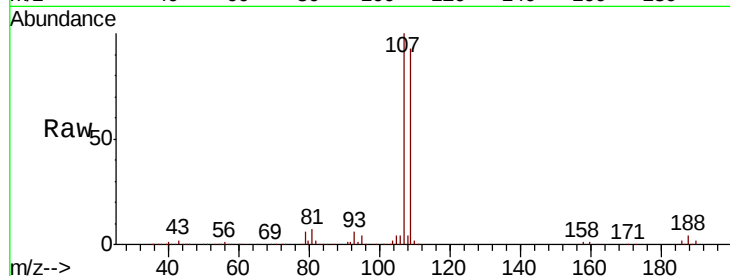




#61
 1,2-Dibromoethane
 Concen: 52.228 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

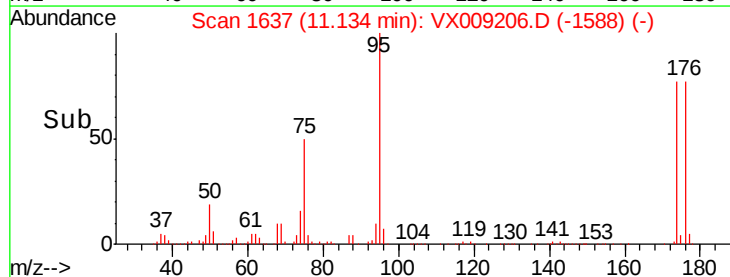
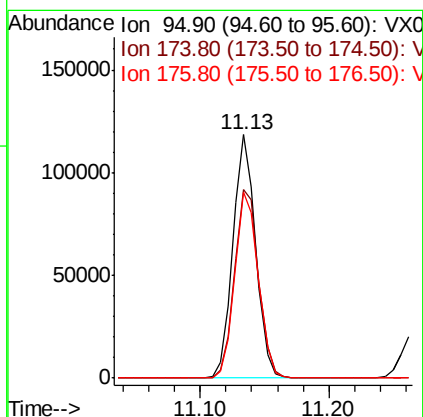
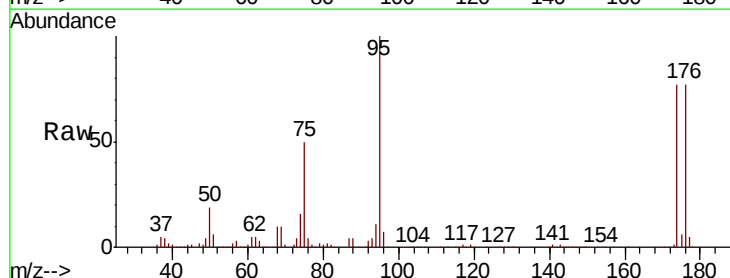
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

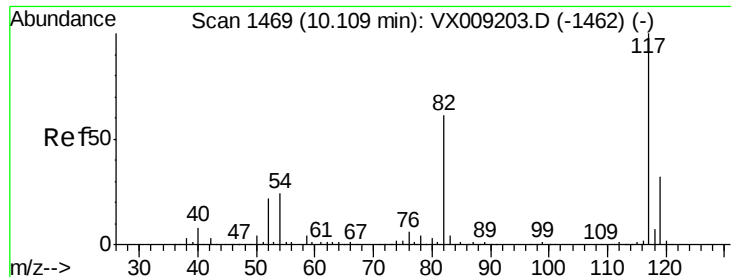
Tgt Ion: 107 Resp: 117624
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 50.748 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion: 95 Resp: 146394
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 161.6
 176 78.7 0.0 159.2

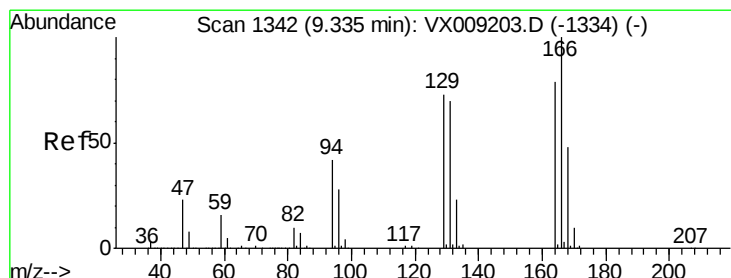
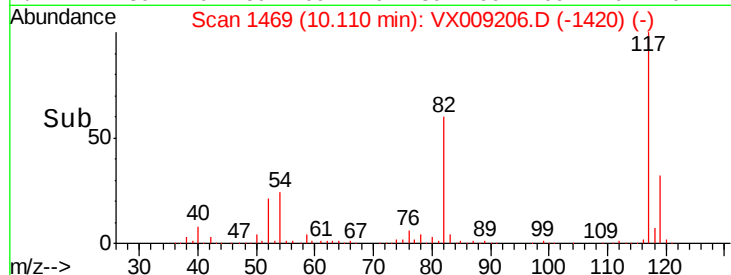
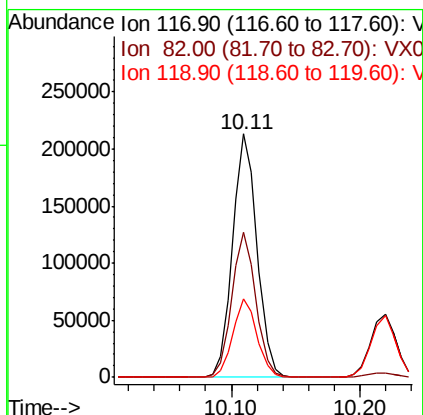
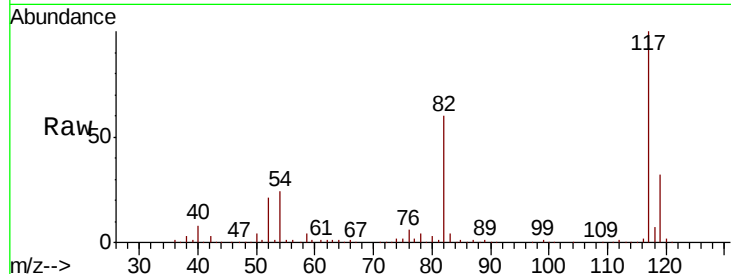




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

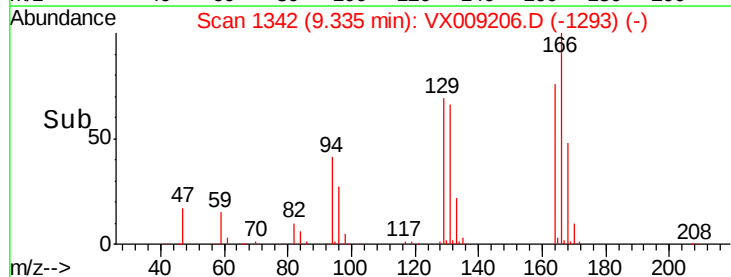
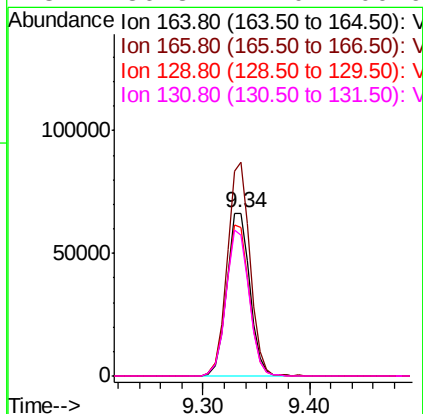
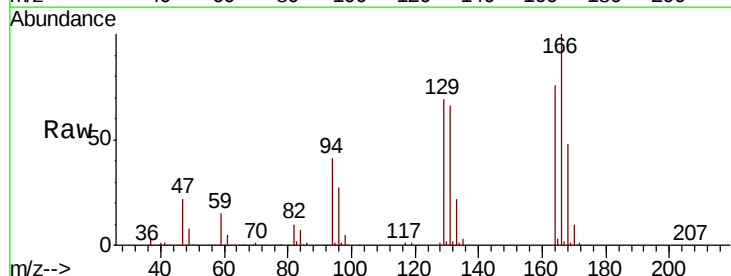
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

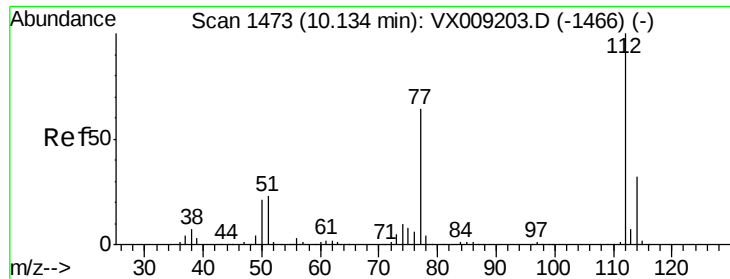
Tgt Ion:117 Resp: 282711
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 51.909 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion:164 Resp: 100665
Ion Ratio Lower Upper
164 100
166 131.3 101.2 151.8
129 91.2 74.3 111.5
131 86.3 71.0 106.6

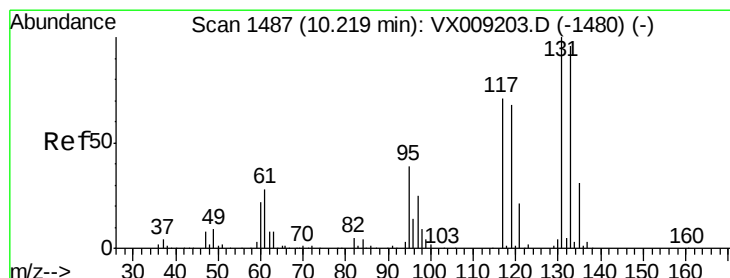
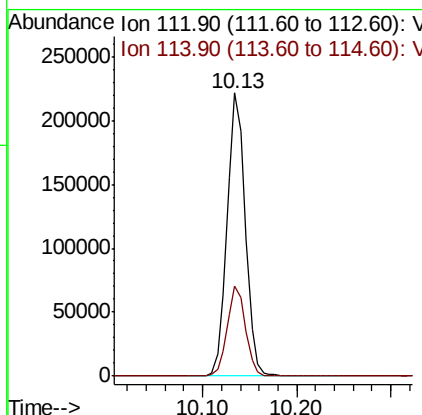
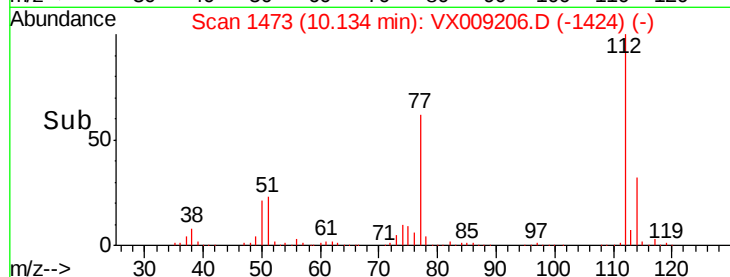
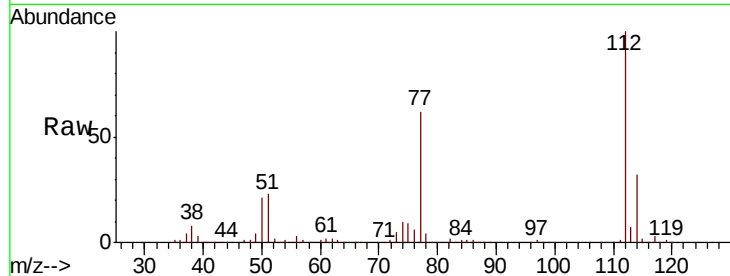




#65
Chlorobenzene
Concen: 52.600 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

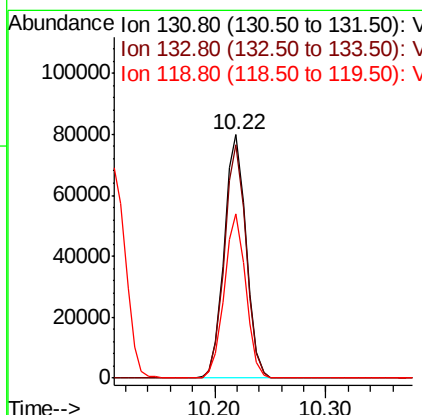
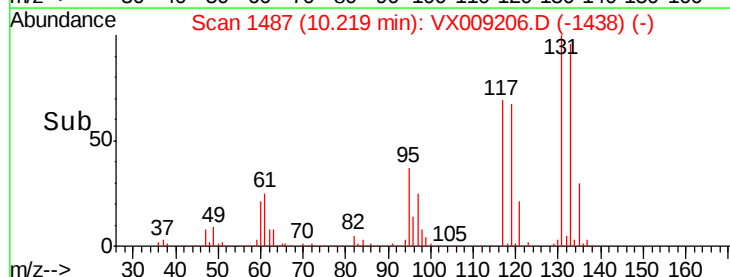
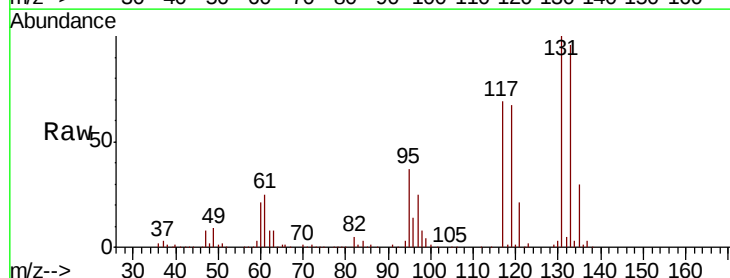
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

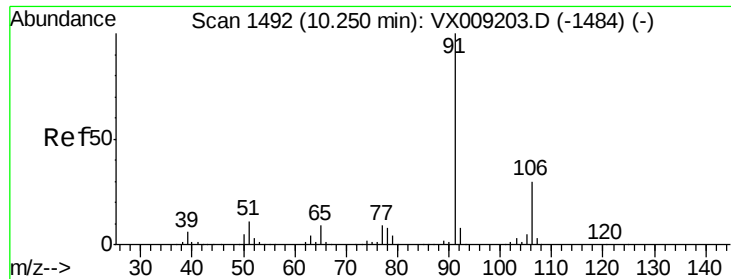
Tgt Ion:112 Resp: 297481
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.905 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion:131 Resp: 108474
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.4 33.5 100.4





#67

Ethyl Benzene

Concen: 53.644 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

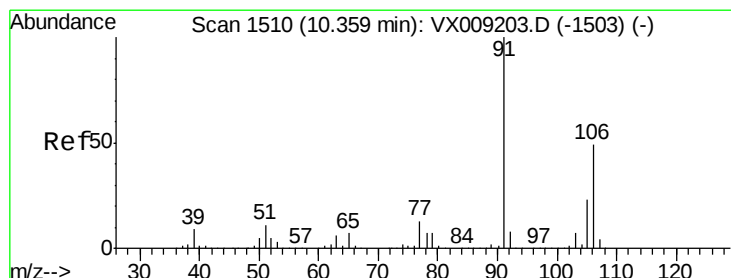
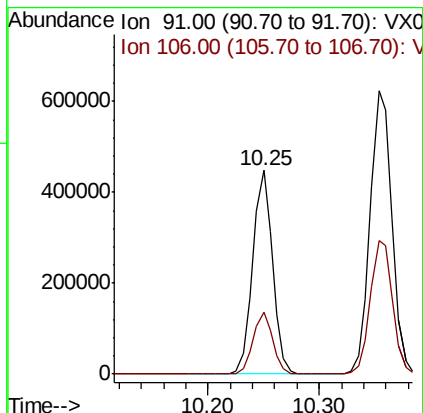
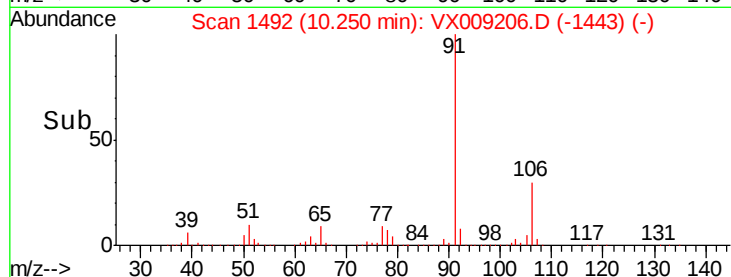
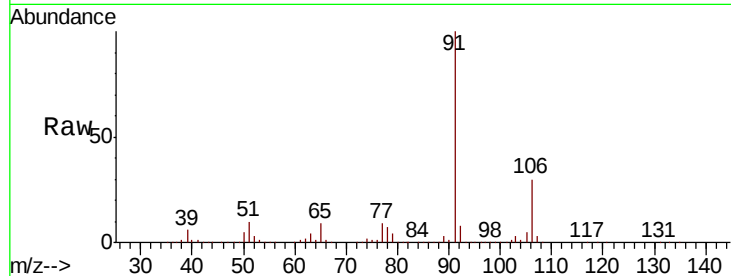
ICVVX042919

Tgt Ion: 91 Resp: 558337

Ion Ratio Lower Upper

91 100

106 30.5 24.0 36.0



#68

m/p-Xylenes

Concen: 107.653 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009206.D

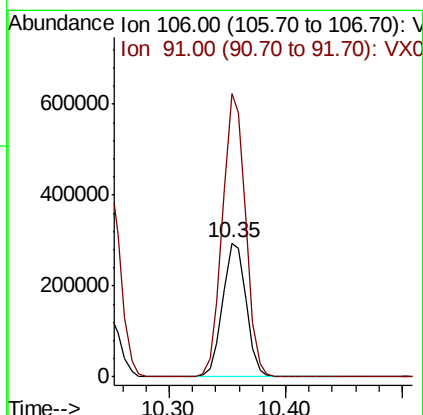
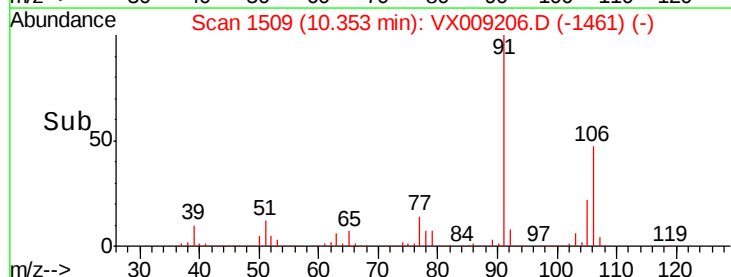
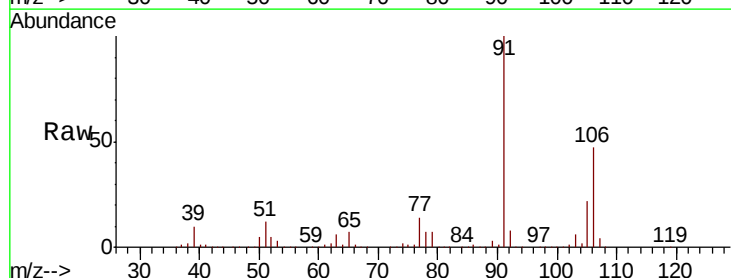
Acq: 29 Apr 2019 14:32

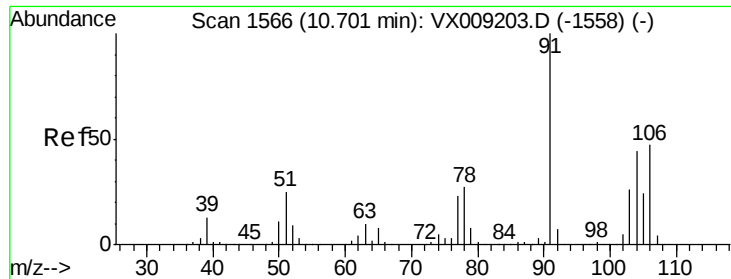
Tgt Ion: 106 Resp: 409459

Ion Ratio Lower Upper

106 100

91 207.9 164.0 246.0

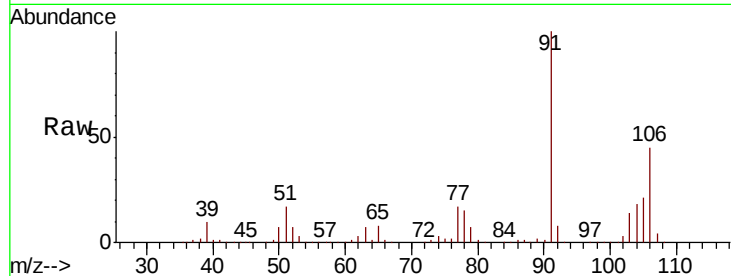




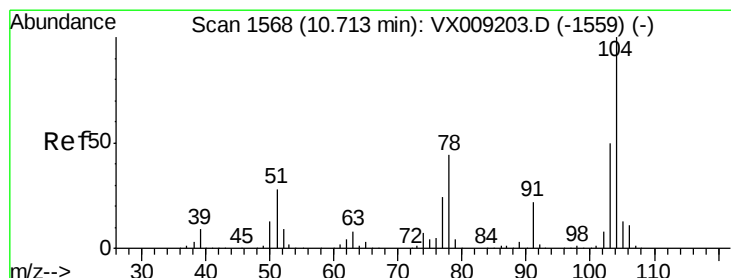
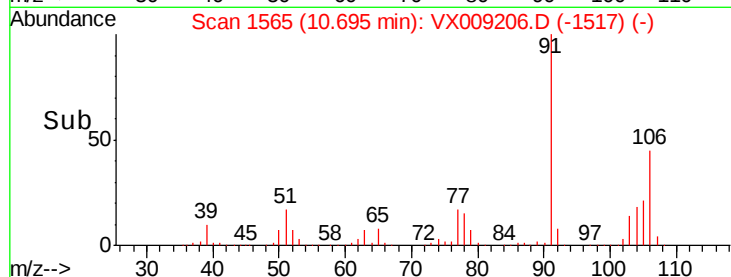
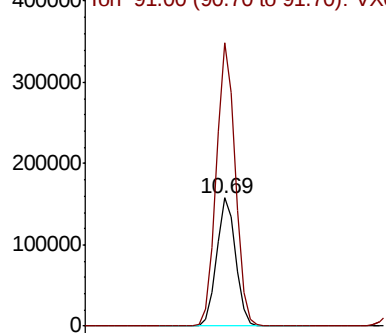
#69
o-Xylene
Concen: 52.982 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

Tgt Ion:106 Resp: 198828
Ion Ratio Lower Upper
106 100
91 218.8 109.5 328.4

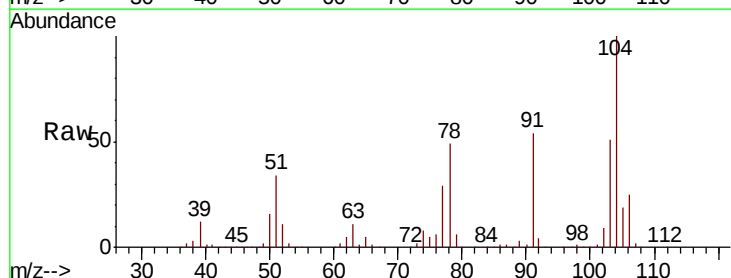


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

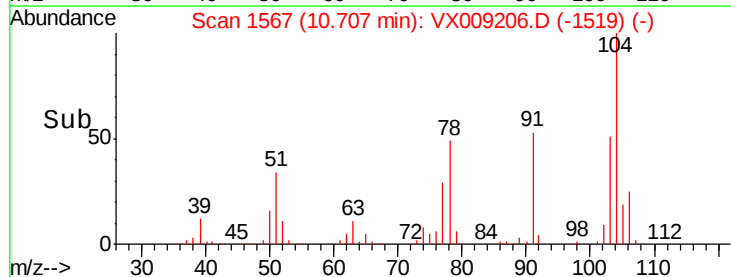
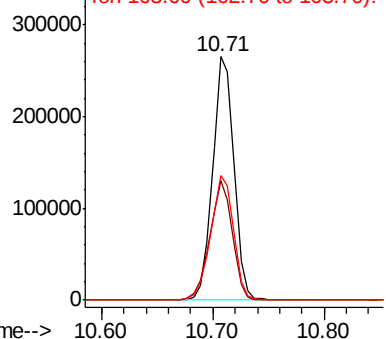


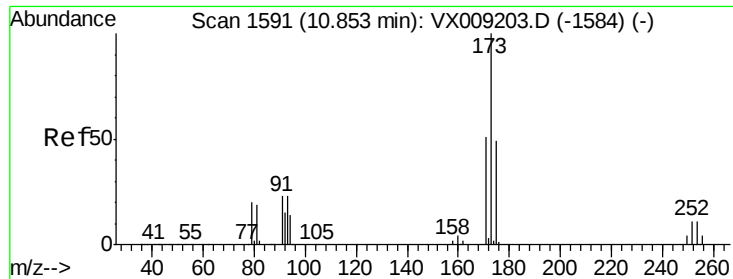
#70
Styrene
Concen: 53.592 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion:104 Resp: 349555
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.4
103 55.2 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.231 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

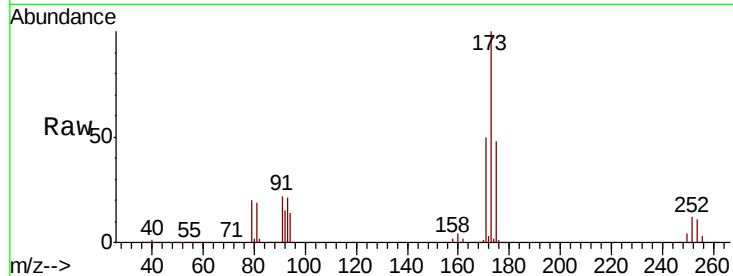
Tgt Ion:173 Resp: 88695

Ion Ratio Lower Upper

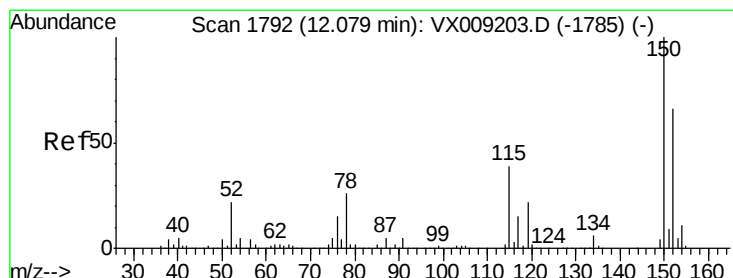
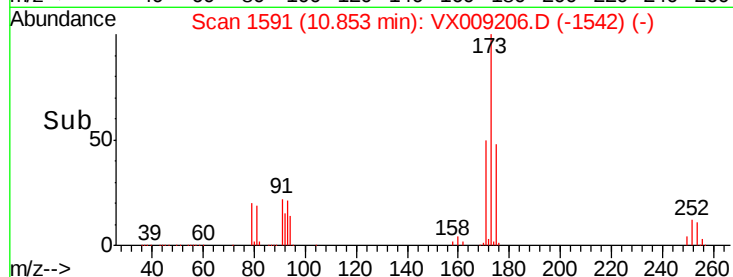
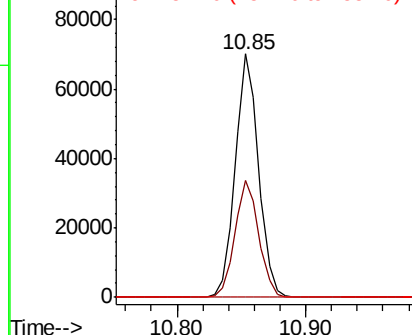
173 100

175 49.1 24.5 73.5

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

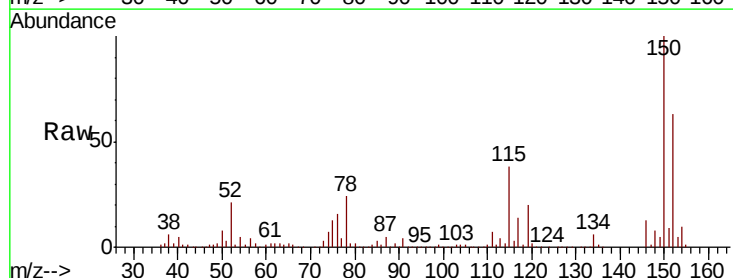
Tgt Ion:152 Resp: 144910

Ion Ratio Lower Upper

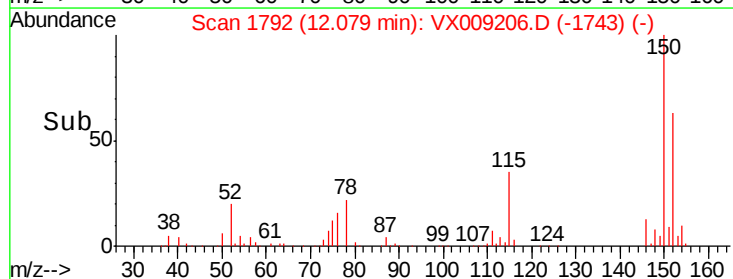
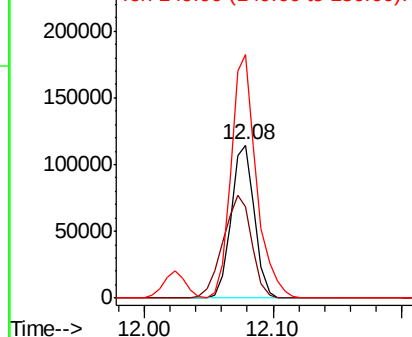
152 100

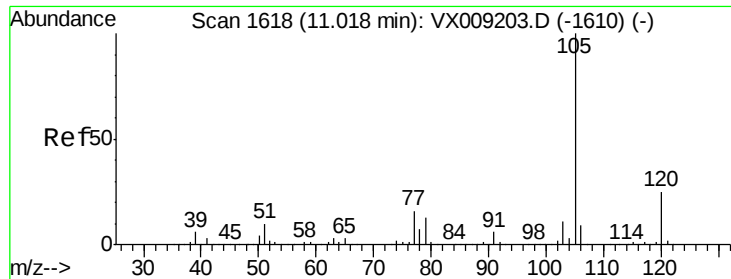
115 83.2 41.2 123.6

150 172.3 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.109 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

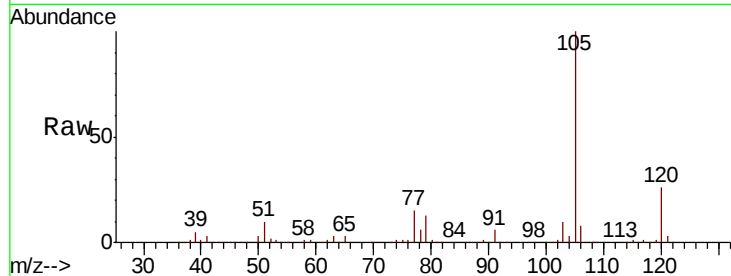
ICVVX042919

Tgt Ion: 105 Resp: 538570

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

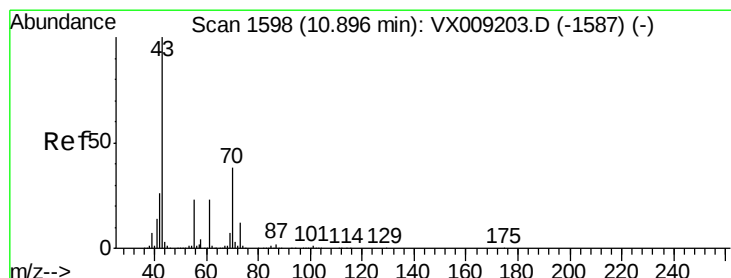
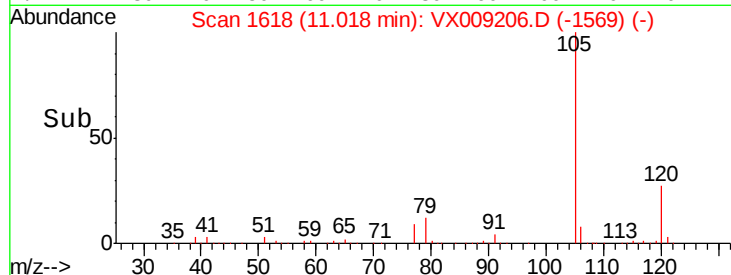
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.496 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Tgt Ion: 43 Resp: 316370

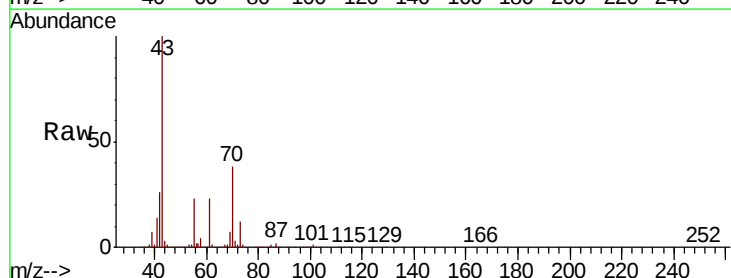
Ion Ratio Lower Upper

43 100

70 37.5 30.0 45.0

55 22.5 17.9 26.9

61 22.5 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

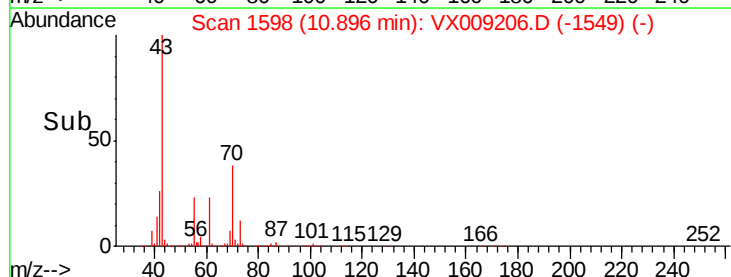
300000

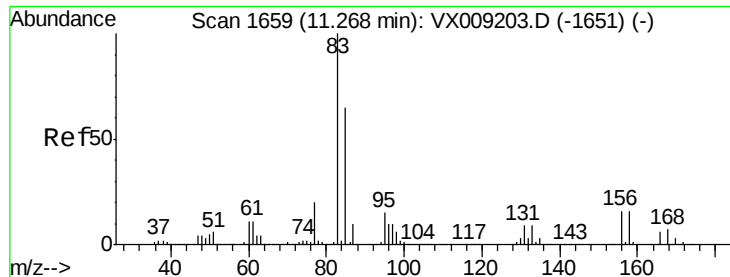
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.070 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

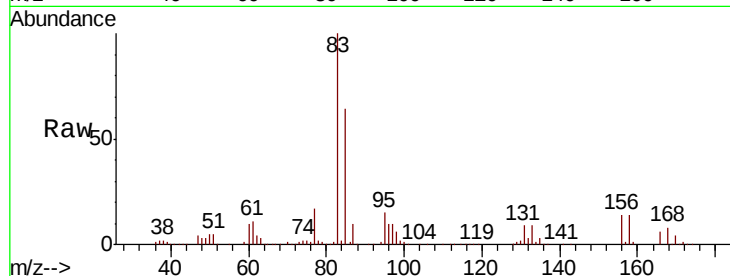
MSVOA_X

ClientSampleId :

ICVVX042919

Tgt Ion: 83 Resp: 192760

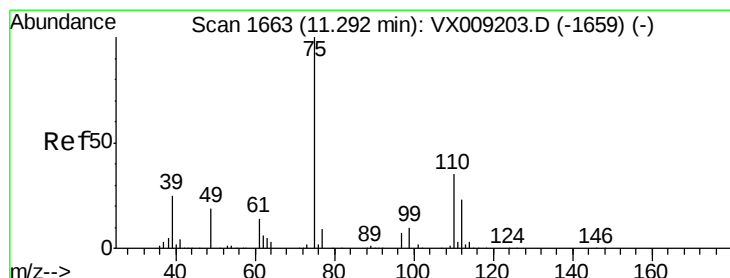
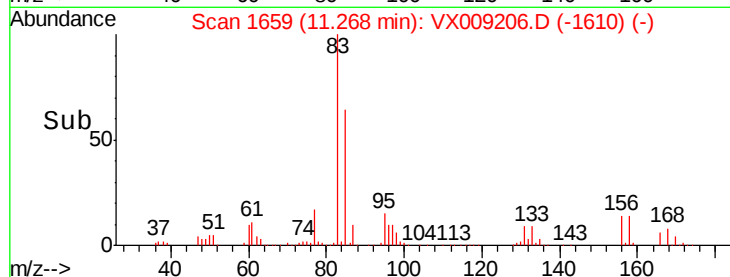
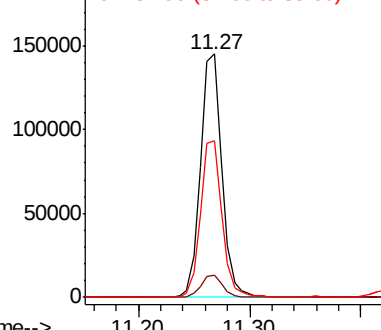
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.6	13.8
85	64.7	32.0	96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.964 ug/l

RT: 11.29 min Scan# 1663

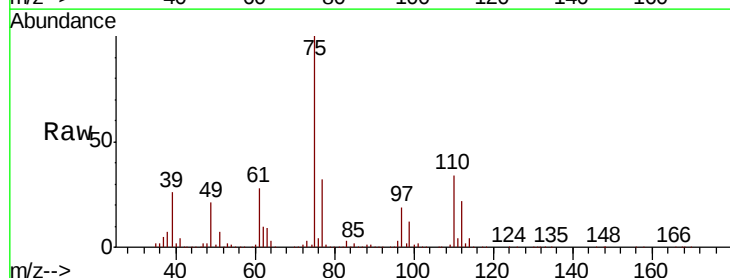
Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

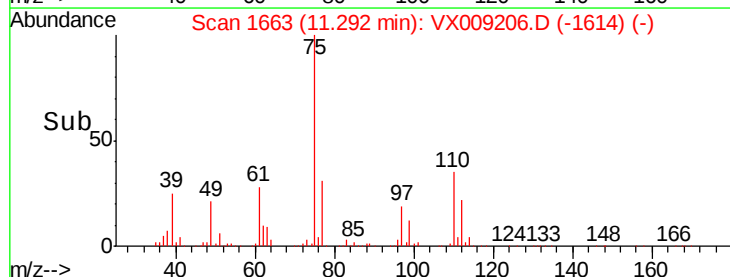
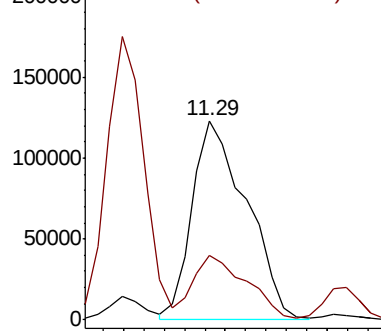
Tgt Ion: 75 Resp: 228452

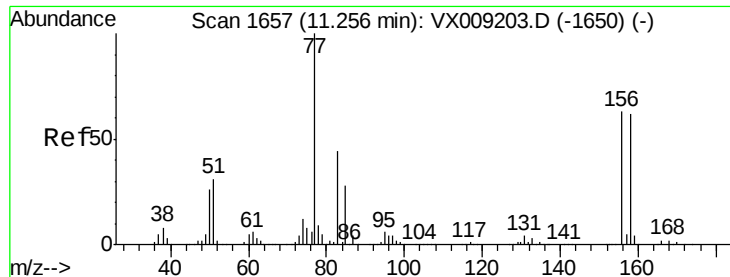
Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.359 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

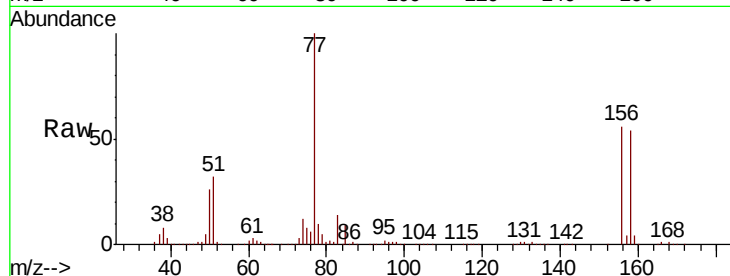
Tgt Ion:156 Resp: 131714

Ion Ratio Lower Upper

156 100

77 169.3 84.8 254.3

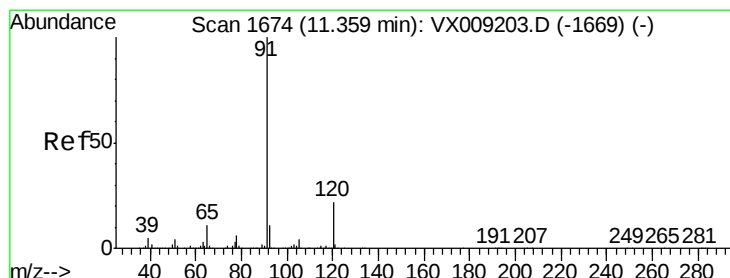
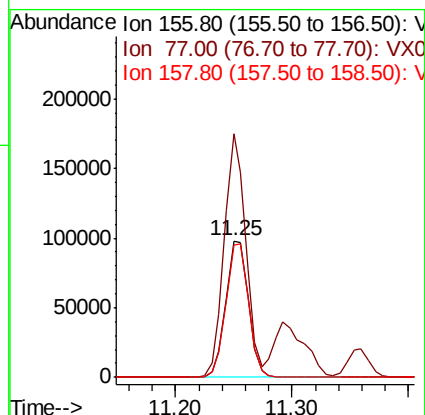
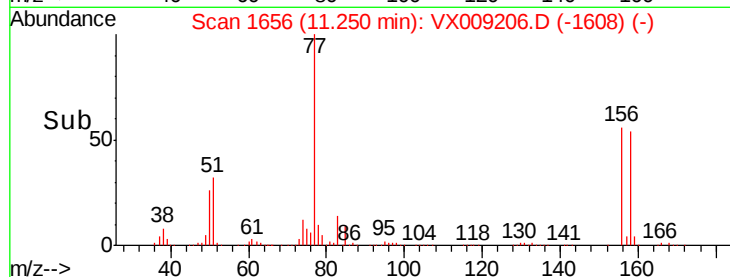
158 97.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.696 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009206.D

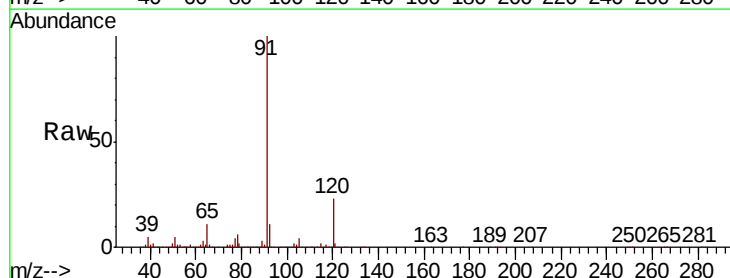
Acq: 29 Apr 2019 14:32

Tgt Ion: 91 Resp: 634168

Ion Ratio Lower Upper

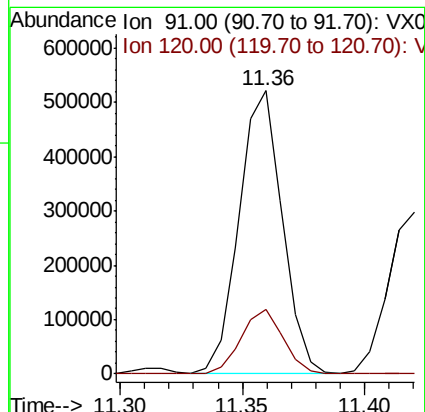
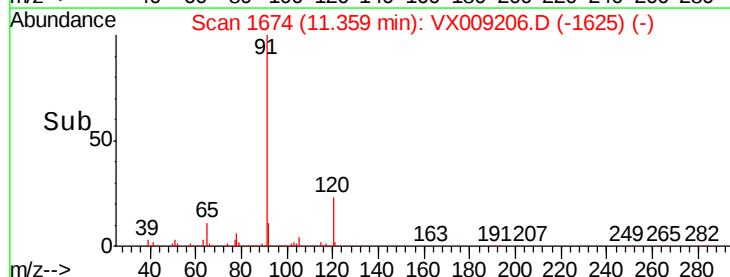
91 100

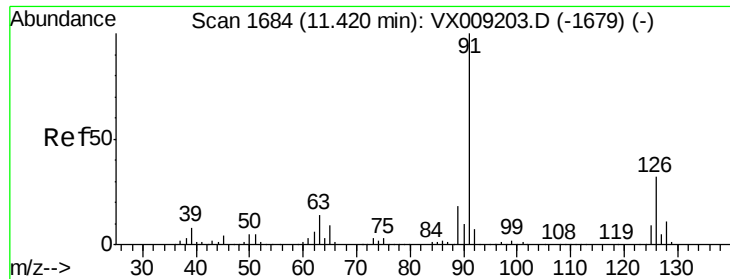
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.059 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

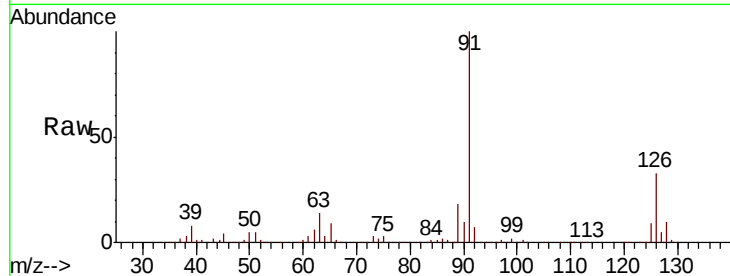
ICVVX042919

Tgt Ion: 91 Resp: 371678

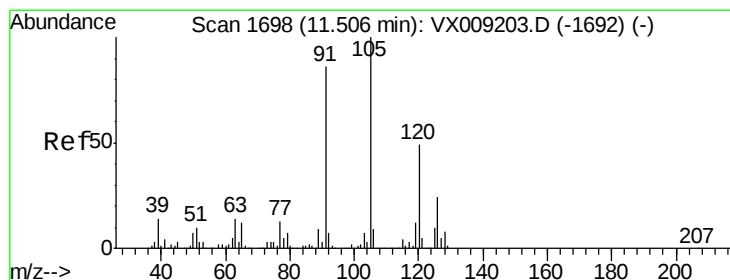
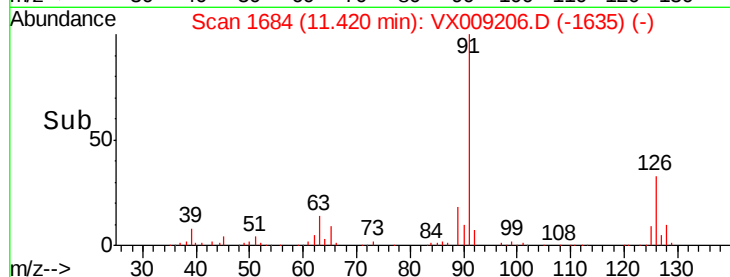
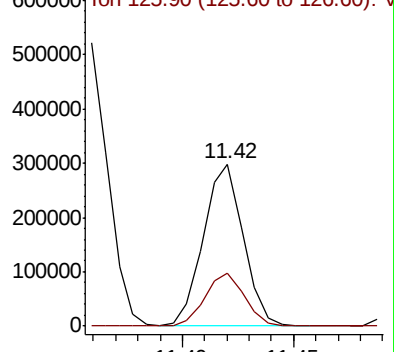
Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009206.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.541 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009206.D

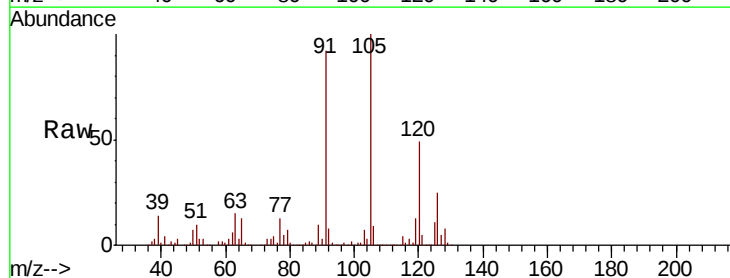
Acq: 29 Apr 2019 14:32

Tgt Ion: 105 Resp: 457315

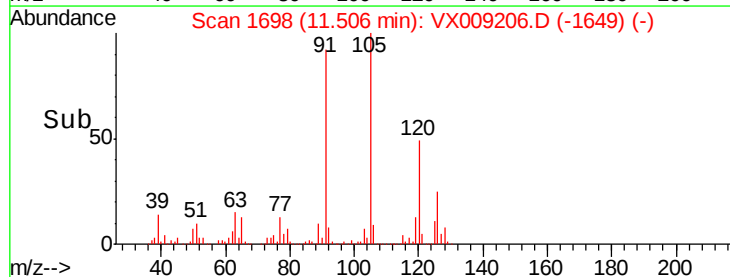
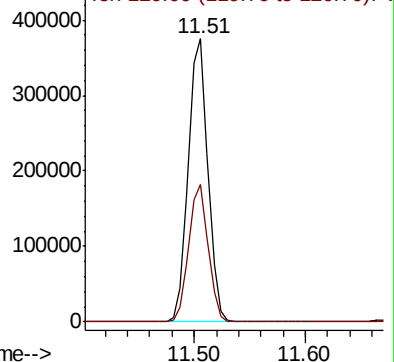
Ion Ratio Lower Upper

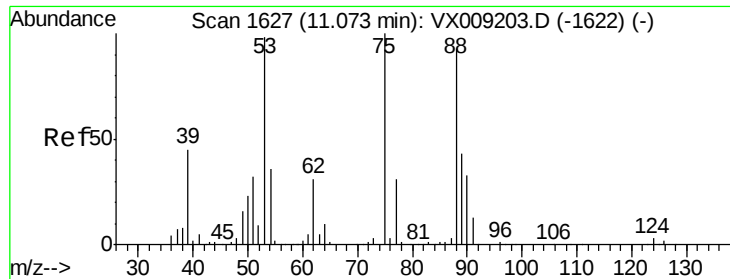
105 100

120 48.3 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009206.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.603 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

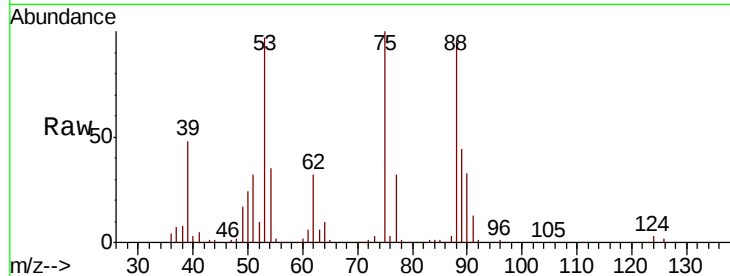
Tgt Ion: 75 Resp: 67793

Ion Ratio Lower Upper

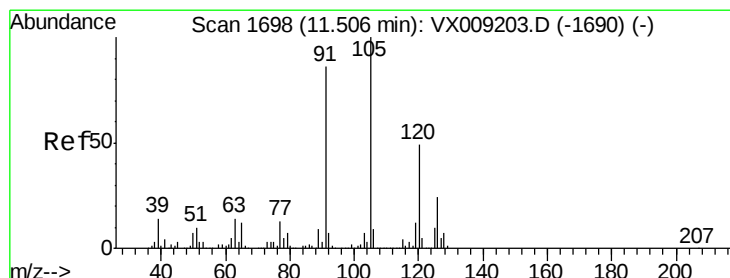
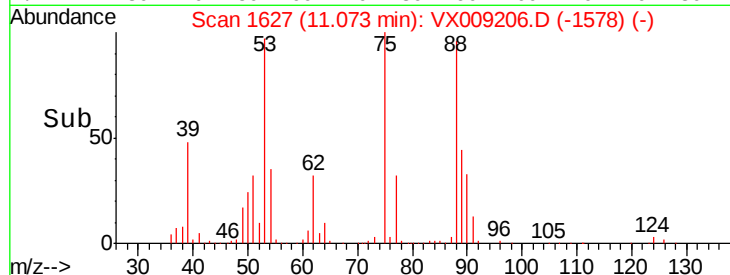
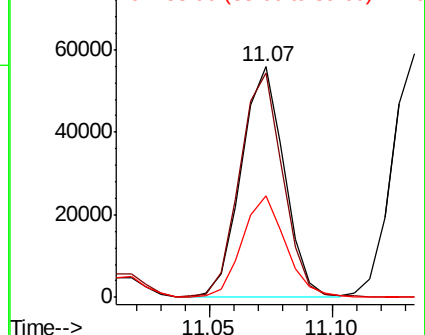
75 100

53 98.3 79.0 118.6

89 44.6 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.829 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009206.D

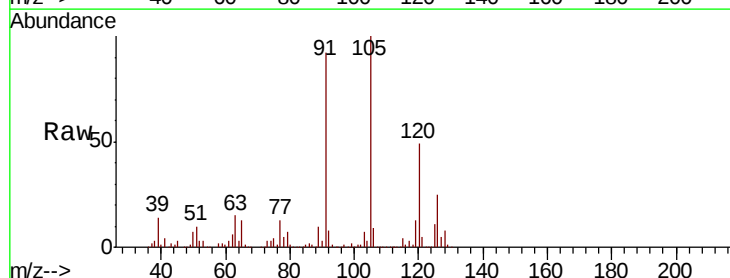
Acq: 29 Apr 2019 14:32

Tgt Ion: 91 Resp: 434734

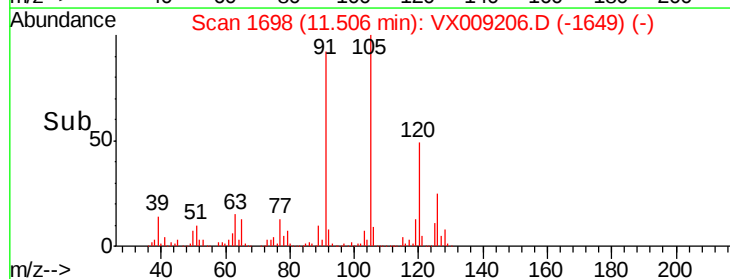
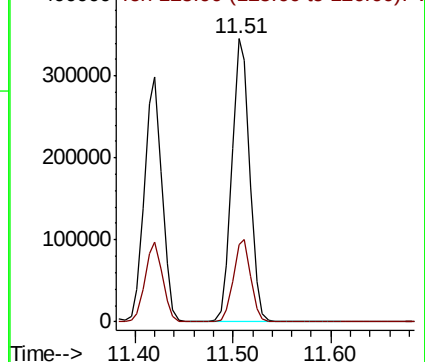
Ion Ratio Lower Upper

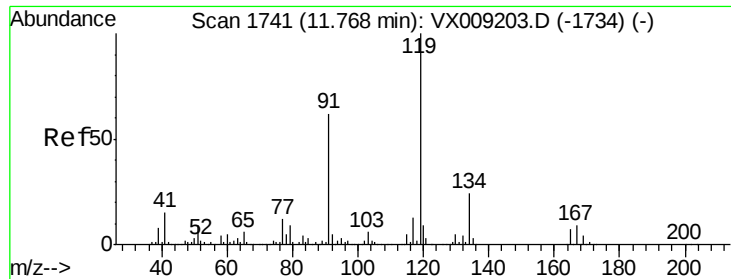
91 100

126 28.4 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

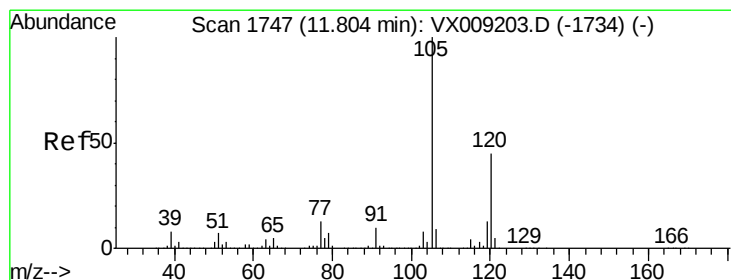
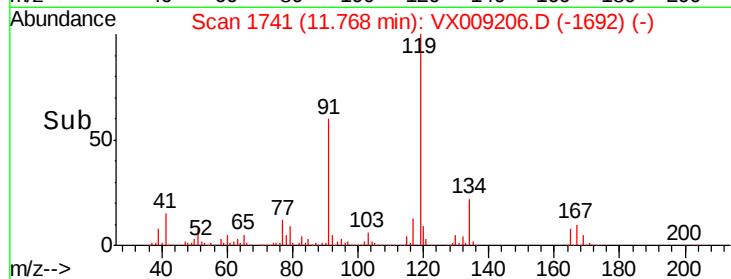
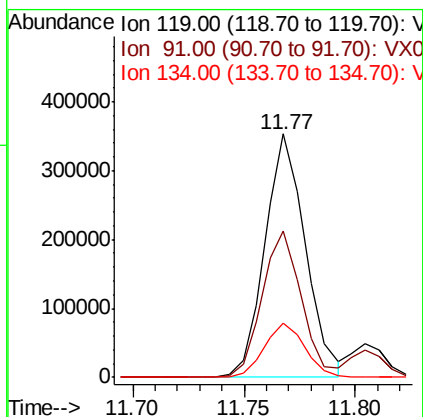
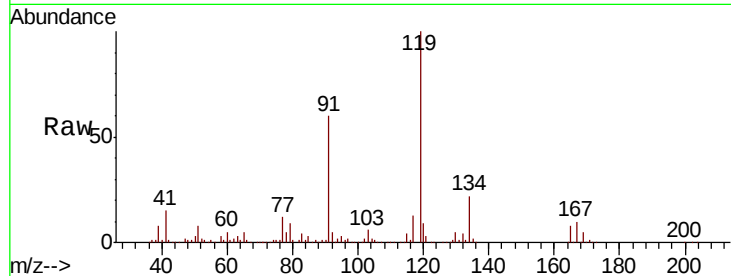




#83
tert-Butylbenzene
Concen: 51.662 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

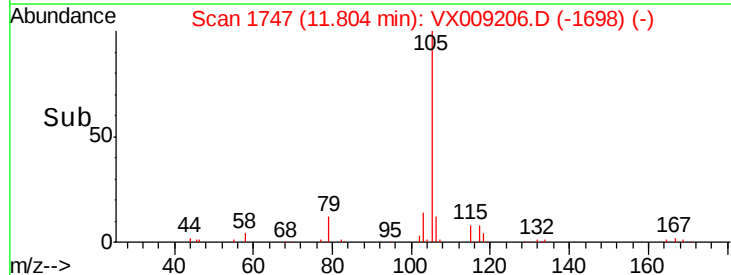
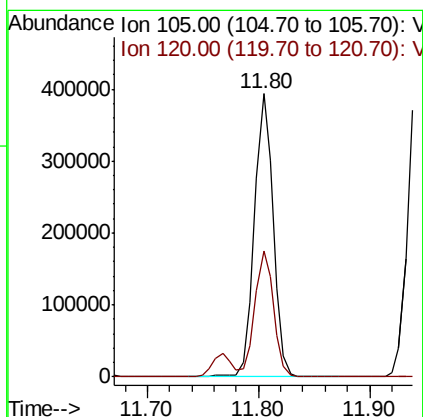
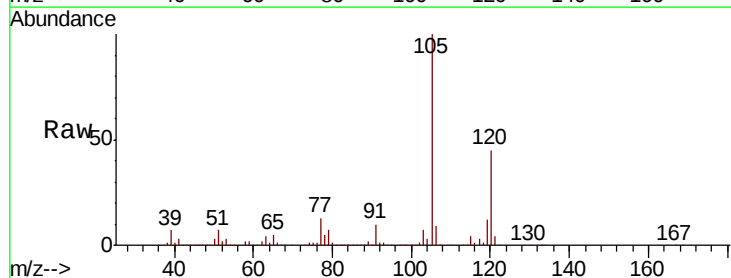
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042919

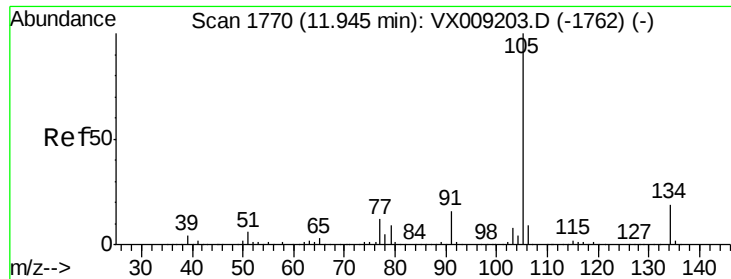
Tgt Ion:119 Resp: 445911
Ion Ratio Lower Upper
119 100
91 58.9 29.5 88.5
134 22.1 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 51.996 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion:105 Resp: 463072
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.656 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

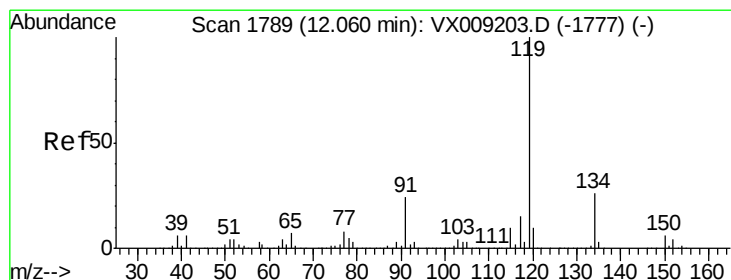
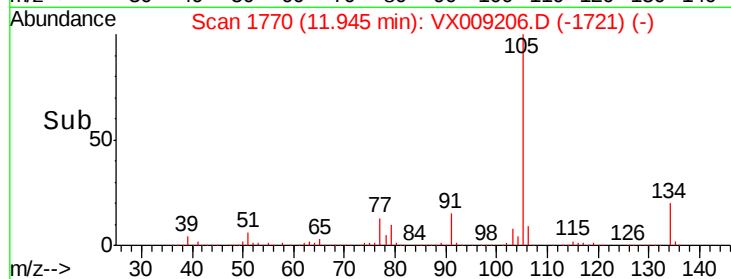
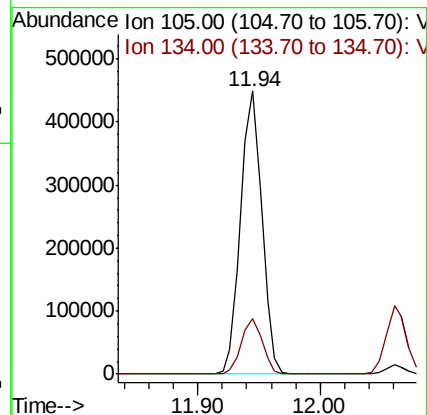
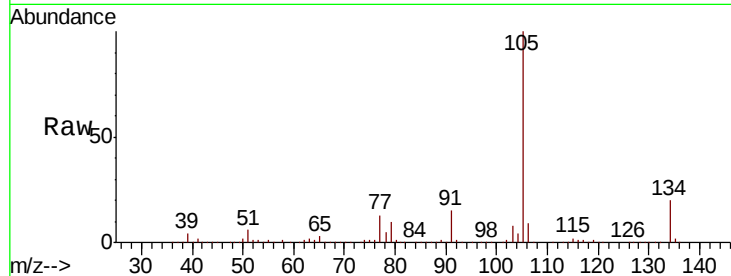
ICVX042919

Tgt Ion:105 Resp: 538839

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 53.444 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

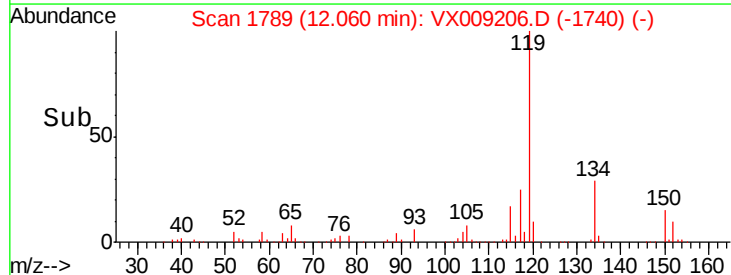
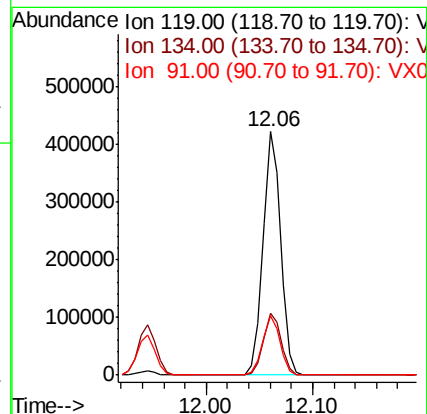
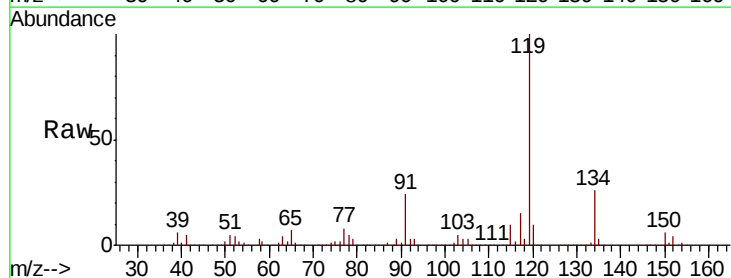
Tgt Ion:119 Resp: 491657

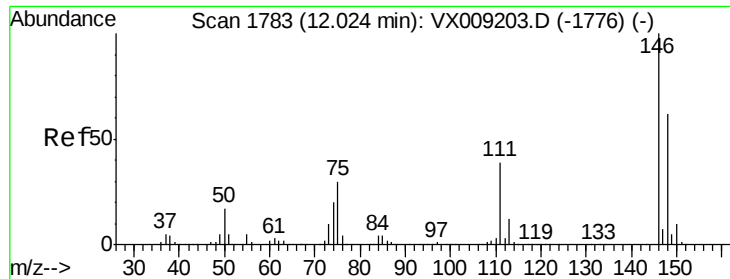
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.7 11.8 35.4

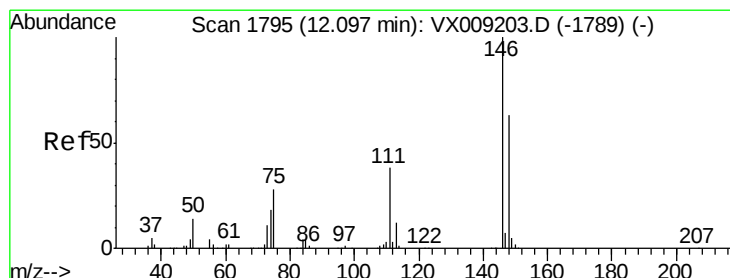
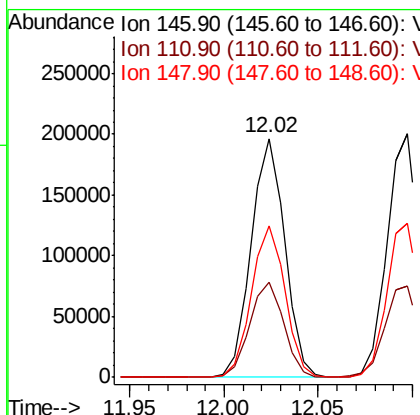
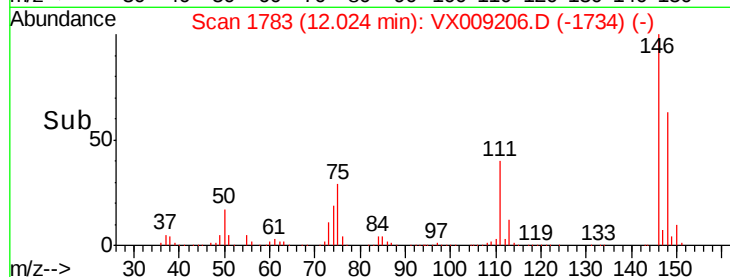
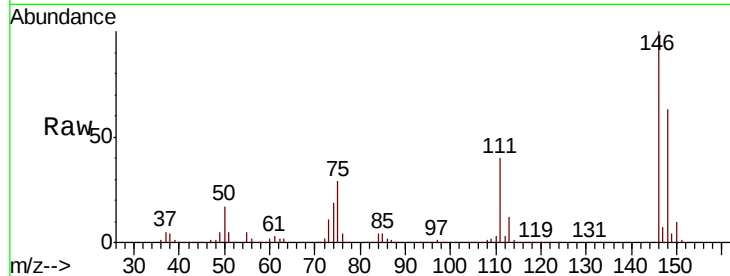




#87
 1,3-Dichlorobenzene
 Concen: 52.258 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

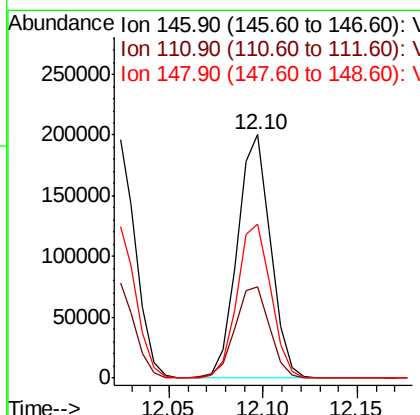
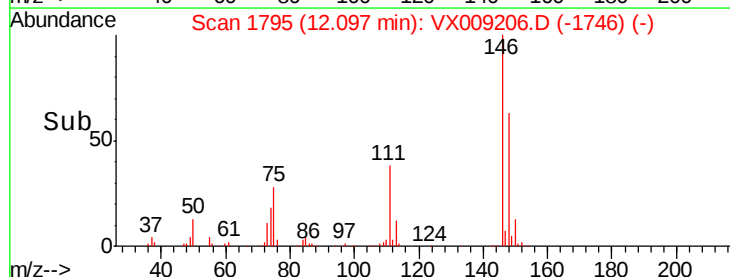
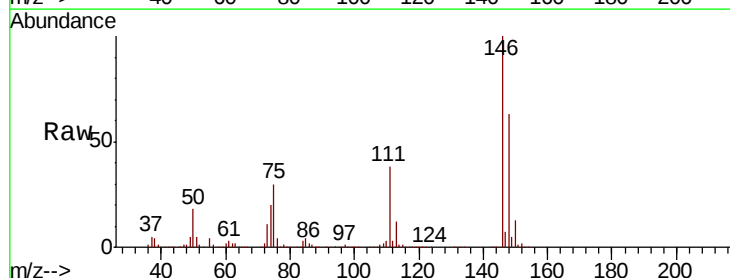
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

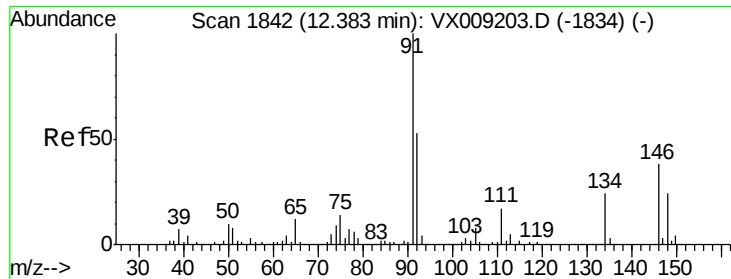
Tgt Ion:146 Resp: 243660
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 59.9
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.033 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion:146 Resp: 244595
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.8
 148 64.5 31.8 95.3

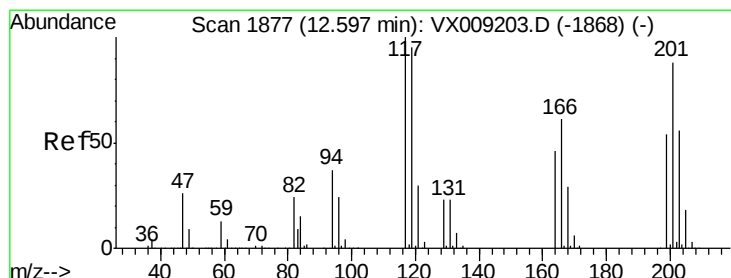
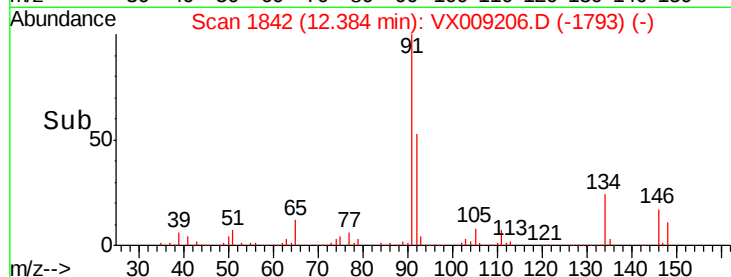
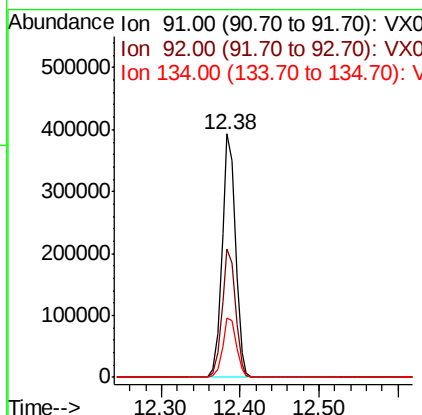
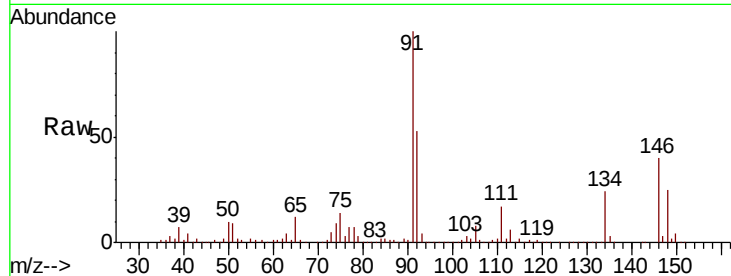




#89
n-Butylbenzene
Concen: 55.923 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

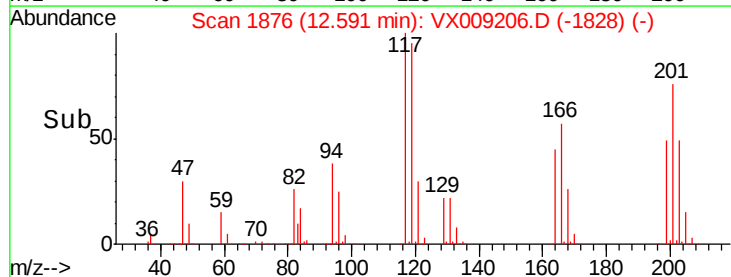
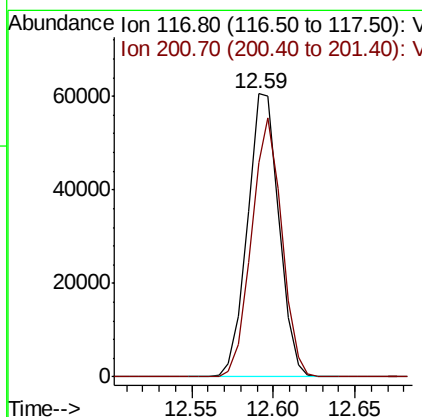
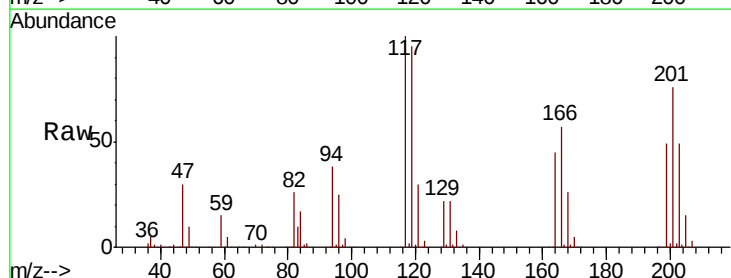
Instrument :
MSVOA_X
ClientSampled :
ICVX042919

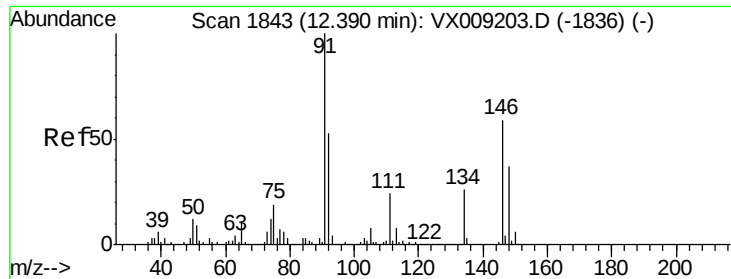
Tgt Ion: 91 Resp: 464997
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 52.250 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009206.D
Acq: 29 Apr 2019 14:32

Tgt Ion: 117 Resp: 81892
Ion Ratio Lower Upper
117 100
201 87.4 42.3 126.9

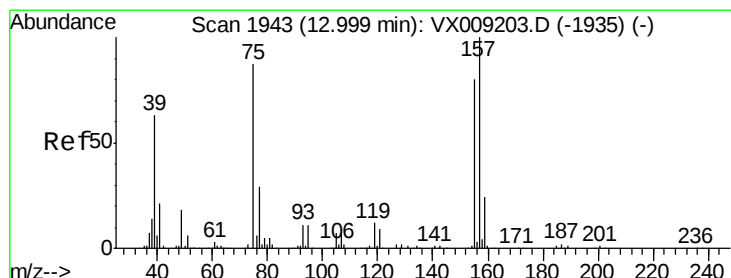
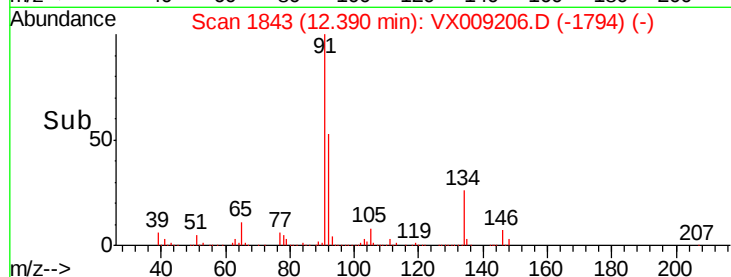
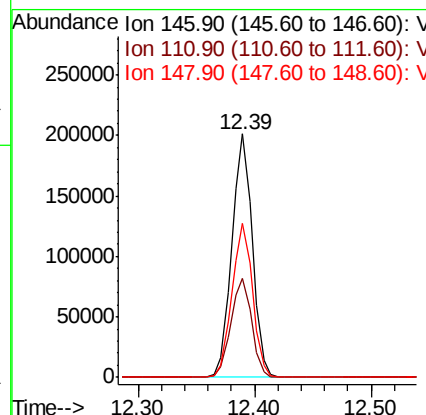
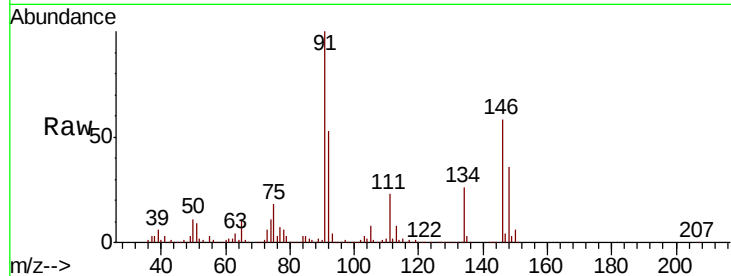




#91
 1,2-Dichlorobenzene
 Concen: 51.472 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

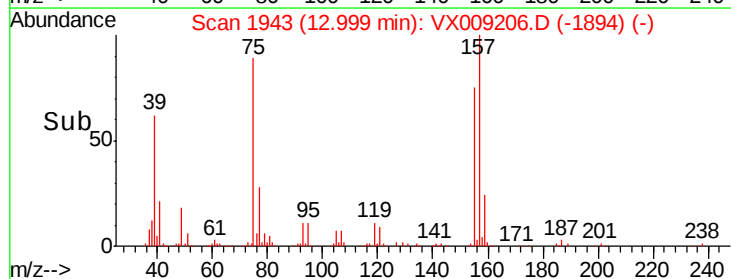
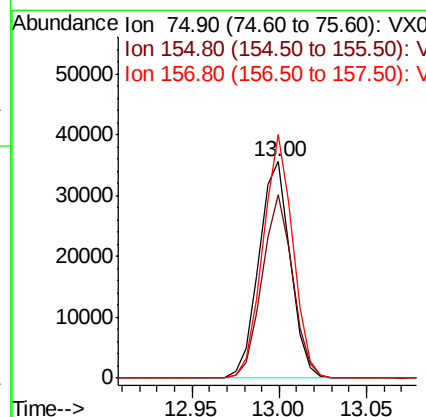
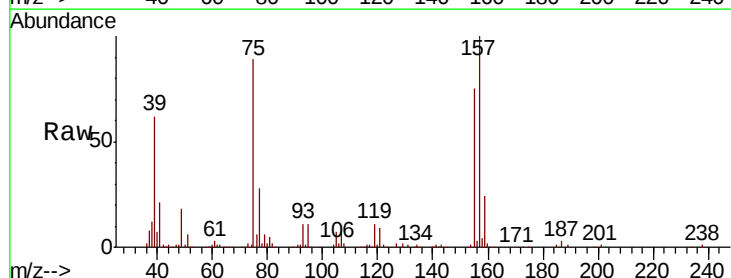
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

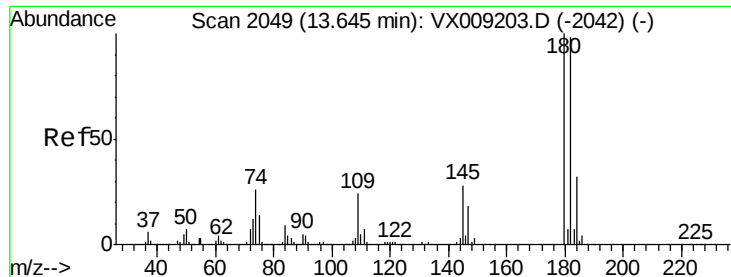
Tgt Ion:146 Resp: 244442
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.4
 148 63.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.518 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion: 75 Resp: 44518
 Ion Ratio Lower Upper
 75 100
 155 82.2 42.0 126.0
 157 107.1 53.2 159.6

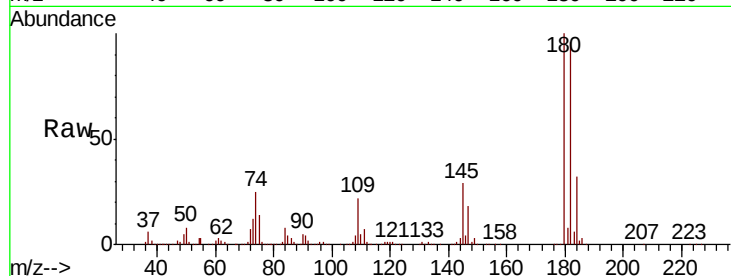




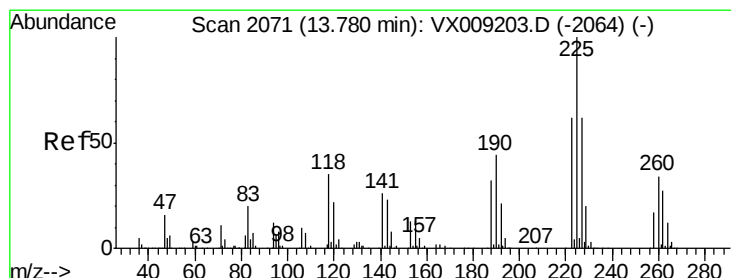
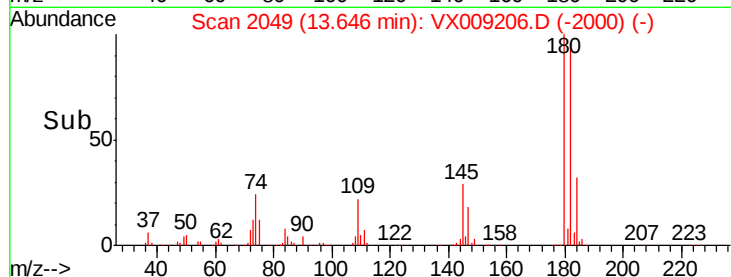
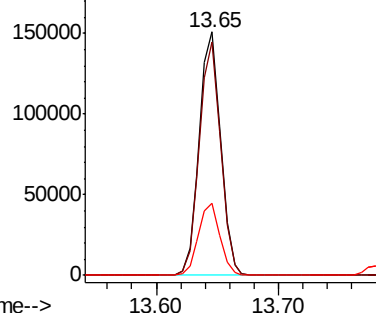
#93
 1,2,4-Trichlorobenzene
 Concen: 56.077 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042919

Tgt Ion:180 Resp: 182113
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.2
 145 29.6 14.6 43.8

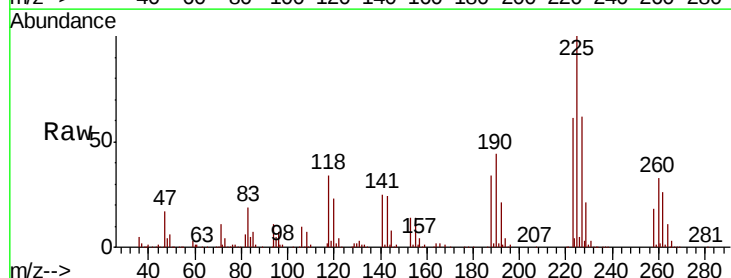


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

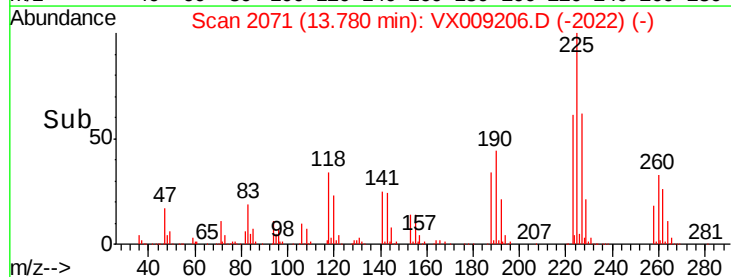
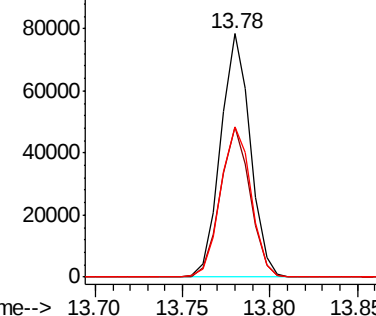


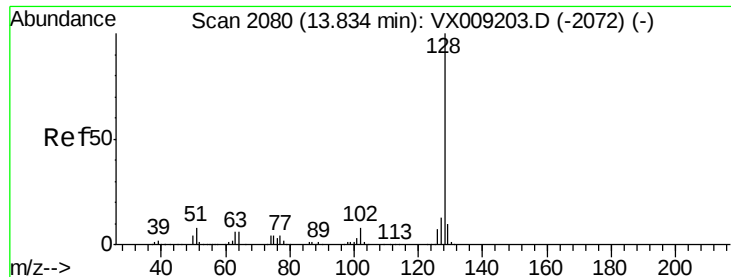
#94
 Hexachlorobutadiene
 Concen: 55.442 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009206.D
 Acq: 29 Apr 2019 14:32

Tgt Ion:225 Resp: 91945
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 64.0 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.925 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042919

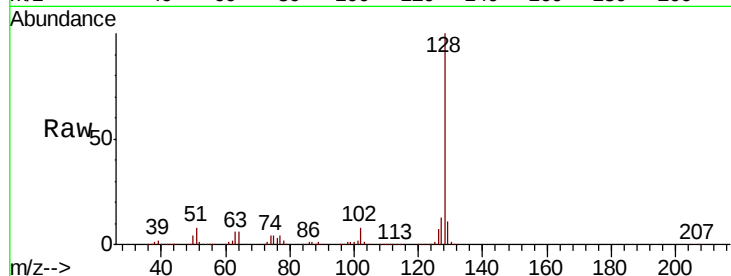
Tgt Ion:128 Resp: 559196

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

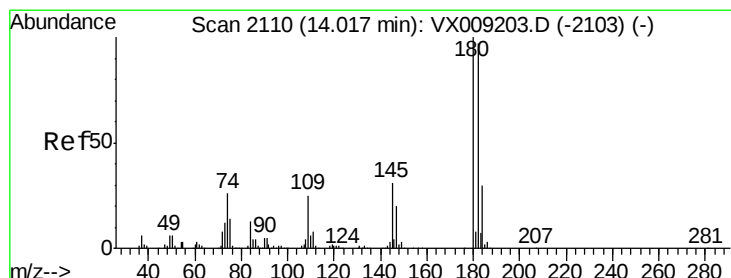
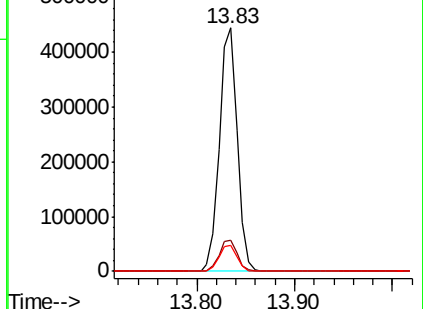
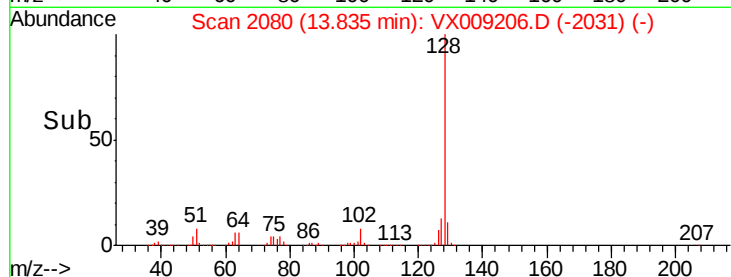
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.216 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009206.D

Acq: 29 Apr 2019 14:32

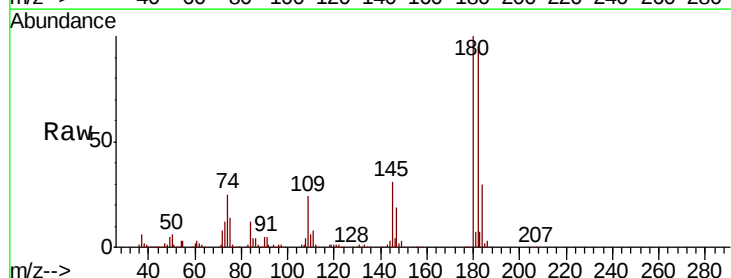
Tgt Ion:180 Resp: 178476

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.4

145 30.9 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

